

## CHEM Department Total

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	69	26	43	0	14	29
#Enrollments	1,481	572	909	0	322	587
%Success	73.5	69.2	76.2	-	55.9	87.4
%Retention	90.0	87.2	91.7	-	78.3	99.1

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	1,481	38.6	61.4	-	21.7	39.6
<b>Ethnicity</b>						
Asian-Domestic	220	40.5	59.5	-	16.4	43.2
Asian-Intl	85	35.3	64.7	-	24.7	40.0
African American	15	-	100.0	-	20.0	80.0
Filipino	191	31.9	68.1	-	23.6	44.5
Hispanic	447	39.8	60.2	-	23.3	36.9
Native American	1	-	100.0	-	100.0	-
Pacific Islander	26	26.9	73.1	-	38.5	34.6
White	316	41.1	58.9	-	22.2	36.7
Multi Races	135	40.0	60.0	-	18.5	41.5
Unrecorded	45	51.1	48.9	-	15.6	33.3
<b>Gender</b>						
Female	822	37.3	62.7	-	22.7	39.9
Male	630	40.3	59.7	-	20.3	39.4
Unrecorded	29	37.9	62.1	-	24.1	37.9
<b>Age</b>						
19 or less	588	41.7	58.3	-	21.1	37.2
20-24	600	39.8	60.2	-	20.8	39.3
25-29	143	31.5	68.5	-	24.5	44.1
30-34	75	32.0	68.0	-	20.0	48.0
35-39	38	28.9	71.1	-	36.8	34.2
40-49	26	23.1	76.9	-	23.1	53.8
50+	11	18.2	81.8	-	27.3	54.5
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	65	40.0	60.0	-	15.4	44.6
Not disabled	1,416	38.6	61.4	-	22.0	39.4
<b>First Generation</b>						
First generation	674	39.5	60.5	-	22.4	38.1
Not first generation	665	38.9	61.1	-	19.7	41.4
<b>Income Status</b>						
Low income	358	38.8	61.2	-	22.6	38.5
Not low income	1,123	38.6	61.4	-	21.5	40.0

#### DEFINITIONS & NOTES

##### Overview of Data

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##### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

##### Part II: Demographic Profile

Displays comparative demographic aggregated success and retention data.

##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/ guardian(s) did not have a 4-year degree.

##### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

Prepared by the Office of Planning, Research, Innovation, and Effectiveness (PRIE)  
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## CHEM Department Total (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	73.5	69.2	76.2	-	55.9	87.4
<b>Ethnicity</b>						
Asian-Domestic	87.8	86.5	87.8	-	75.0	92.6
Asian-Intl	80.0	93.3	80.0	-	66.7	88.2
African American	80.0	-	80.0	-	33.3	91.7
Filipino	74.6	68.9	74.6	-	46.7	89.4
Hispanic	67.7	56.7	67.7	-	45.2	81.8
Native American	100.0	-	100.0	-	100.0	-
Pacific Islander	36.8	28.6	36.8	-	30.0	44.4
White	83.3	71.5	83.3	-	71.4	90.5
Multi Races	80.2	66.7	80.2	-	56.0	91.1
Unrecorded	68.2	73.9	68.2	-	28.6	86.7
<b>Gender</b>						
Female	74.6	67.1	74.6	-	49.7	88.7
Male	78.5	71.3	78.5	-	65.6	85.1
Unrecorded	77.8	81.8	77.8	-	42.9	100.0
<b>Age</b>						
19 or less	77.3	71.4	77.3	-	62.1	85.8
20-24	74.5	68.6	74.5	-	51.2	86.9
25-29	75.5	57.8	75.5	-	48.6	90.5
30-34	78.4	66.7	78.4	-	46.7	91.7
35-39	77.8	72.7	77.8	-	64.3	92.3
40-49	75.0	83.3	75.0	-	50.0	85.7
50+	100.0	100.0	100.0	-	100.0	100.0
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	74.4	61.5	74.4	-	50.0	82.8
Not disabled	76.3	69.6	76.3	-	56.1	87.6
<b>First Generation</b>						
First generation	72.5	61.7	72.5	-	50.3	85.6
Not first generation	80.0	74.9	80.0	-	61.1	89.1
<b>Income Status</b>						
Low income	68.5	56.8	68.5	-	43.2	83.3
Not low income	78.7	73.2	78.7	-	60.2	88.6

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#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

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#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

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## CHEM Department Total (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	90.0	87.2	91.7	-	78.3	99.1
<b>Ethnicity</b>						
Asian-Domestic	95.4	92.1	95.4	-	86.1	98.9
Asian-Intl	96.4	96.7	96.4	-	90.5	100.0
African American	93.3	-	93.3	-	66.7	100.0
Filipino	91.5	91.8	91.5	-	75.6	100.0
Hispanic	89.6	83.1	89.6	-	75.0	98.8
Native American	100.0	-	100.0	-	100.0	-
Pacific Islander	84.2	85.7	84.2	-	70.0	100.0
White	91.4	85.4	91.4	-	80.0	98.3
Multi Races	93.8	88.9	93.8	-	80.0	100.0
Unrecorded	86.4	82.6	86.4	-	57.1	100.0
<b>Gender</b>						
Female	90.9	87.6	90.9	-	74.9	100.0
Male	93.4	86.6	93.4	-	84.4	98.0
Unrecorded	83.3	90.9	83.3	-	57.1	100.0
<b>Age</b>						
19 or less	93.3	90.2	93.3	-	82.3	99.5
20-24	90.9	85.4	90.9	-	75.2	99.2
25-29	88.8	82.2	88.8	-	74.3	96.8
30-34	92.2	87.5	92.2	-	73.3	100.0
35-39	88.9	81.8	88.9	-	78.6	100.0
40-49	95.0	83.3	95.0	-	83.3	100.0
50+	100.0	100.0	100.0	-	100.0	100.0
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	89.7	76.9	89.7	-	60.0	100.0
Not disabled	91.8	87.7	91.8	-	78.8	99.1
<b>First Generation</b>						
First generation	89.5	84.6	89.5	-	72.8	99.2
Not first generation	93.1	89.2	93.1	-	80.2	99.3
<b>Income Status</b>						
Low income	88.1	83.5	88.1	-	70.4	98.6
Not low income	92.9	88.5	92.9	-	80.9	99.3

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#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

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#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

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## CHEM 210 General Chemistry I (5.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	22	8	14	0	5	9
#Enrollments	519	221	298	0	112	186
%Success	64.5	60.6	67.4	-	51.8	76.9
%Retention	88.2	86.0	89.9	-	77.7	97.3

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	519	42.6	57.4	-	21.6	35.8
<b>Ethnicity</b>						
Asian-Domestic	79	35.4	64.6	-	19.0	45.6
Asian-Intl	34	32.4	67.6	-	32.4	35.3
African American	2	-	100.0	-	50.0	50.0
Filipino	57	38.6	61.4	-	22.8	38.6
Hispanic	145	44.8	55.2	-	21.4	33.8
Native American	0	-	-	-	-	-
Pacific Islander	11	36.4	63.6	-	45.5	18.2
White	130	47.7	52.3	-	22.3	30.0
Multi Races	47	46.8	53.2	-	10.6	42.6
Unrecorded	14	50.0	50.0	-	14.3	35.7
<b>Gender</b>						
Female	234	44.0	56.0	-	20.9	35.0
Male	274	41.6	58.4	-	21.9	36.5
Unrecorded	11	36.4	63.6	-	27.3	36.4
<b>Age</b>						
19 or less	273	44.3	55.7	-	19.0	36.6
20-24	177	40.7	59.3	-	24.3	35.0
25-29	40	37.5	62.5	-	20.0	42.5
30-34	14	50.0	50.0	-	35.7	14.3
35-39	8	50.0	50.0	-	37.5	12.5
40-49	5	20.0	80.0	-	20.0	60.0
50+	2	50.0	50.0	-	-	50.0
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	29	55.2	44.8	-	10.3	34.5
Not disabled	490	41.8	58.2	-	22.2	35.9
<b>First Generation</b>						
First generation	222	45.9	54.1	-	23.9	30.2
Not first generation	251	41.8	58.2	-	17.9	40.2
<b>Income Status</b>						
Low income	104	47.1	52.9	-	20.2	32.7
Not low income	415	41.4	58.6	-	21.9	36.6

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##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

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Students whose parent(s)/ guardian(s) did not have a 4-year degree.

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## CHEM 210 General Chemistry I (5.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	64.5	60.6	67.4	-	51.8	76.9
<b>Ethnicity</b>						
Asian-Domestic	80.4	78.6	80.4	-	66.7	86.1
Asian-Intl	65.2	90.9	65.2	-	54.5	75.0
African American	50.0	-	50.0	-	0.0	100.0
Filipino	68.6	72.7	68.6	-	38.5	86.4
Hispanic	62.5	43.1	62.5	-	58.1	65.3
Native American		-	-	-	-	-
Pacific Islander	0.0	50.0	0.0	-	0.0	0.0
White	72.1	66.1	72.1	-	65.5	76.9
Multi Races	72.0	45.5	72.0	-	0.0	90.0
Unrecorded	42.9	71.4	42.9	-	0.0	60.0
<b>Gender</b>						
Female	68.7	58.3	68.7	-	49.0	80.5
Male	66.3	61.4	66.3	-	55.0	73.0
Unrecorded	71.4	100.0	71.4	-	33.3	100.0
<b>Age</b>						
19 or less	75.0	65.3	75.0	-	59.6	83.0
20-24	57.1	54.2	57.1	-	39.5	69.4
25-29	64.0	53.3	64.0	-	50.0	70.6
30-34	57.1	42.9	57.1	-	40.0	100.0
35-39	75.0	75.0	75.0	-	100.0	0.0
40-49	75.0	100.0	75.0	-	100.0	66.7
50+	100.0	100.0	100.0	-	-	100.0
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	61.5	62.5	61.5	-	33.3	70.0
Not disabled	67.7	60.5	67.7	-	52.3	77.3
<b>First Generation</b>						
First generation	63.3	53.9	63.3	-	49.1	74.6
Not first generation	72.6	65.7	72.6	-	55.6	80.2
<b>Income Status</b>						
Low income	61.8	44.9	61.8	-	47.6	70.6
Not low income	68.7	65.1	68.7	-	52.7	78.3

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#### % Success

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Notes: EW/MW are non-evaluative and do not constitute enrollment attempts. Fall 2020 actual section modality data were not retained due to COVID-19 emergency and thus the term data are not included in this comparison. Spring 21 impacted by COVID-19.

## CHEM 210 General Chemistry I (5.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	88.2	86.0	89.9	-	77.7	97.3
<b>Ethnicity</b>						
Asian-Domestic	94.1	85.7	94.1	-	86.7	97.2
Asian-Intl	100.0	90.9	100.0	-	100.0	100.0
African American	50.0	-	50.0	-	0.0	100.0
Filipino	85.7	100.0	85.7	-	61.5	100.0
Hispanic	91.3	83.1	91.3	-	83.9	95.9
Native American		-	-	-	-	-
Pacific Islander	85.7	100.0	85.7	-	80.0	100.0
White	85.3	83.9	85.3	-	72.4	94.9
Multi Races	92.0	81.8	92.0	-	60.0	100.0
Unrecorded	85.7	85.7	85.7	-	50.0	100.0
<b>Gender</b>						
Female	92.4	88.3	92.4	-	79.6	100.0
Male	88.8	83.3	88.8	-	78.3	95.0
Unrecorded	71.4	100.0	71.4	-	33.3	100.0
<b>Age</b>						
19 or less	94.1	90.9	94.1	-	84.6	99.0
20-24	86.7	79.2	86.7	-	72.1	96.8
25-29	80.0	73.3	80.0	-	62.5	88.2
30-34	71.4	85.7	71.4	-	60.0	100.0
35-39	100.0	100.0	100.0	-	100.0	100.0
40-49	100.0	100.0	100.0	-	100.0	100.0
50+	100.0	100.0	100.0	-	-	100.0
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	84.6	81.3	84.6	-	33.3	100.0
Not disabled	90.2	86.3	90.2	-	78.9	97.2
<b>First Generation</b>						
First generation	86.7	81.4	86.7	-	73.6	97.0
Not first generation	91.1	89.5	91.1	-	75.6	98.0
<b>Income Status</b>						
Low income	85.5	81.6	85.5	-	71.4	94.1
Not low income	90.9	87.2	90.9	-	79.1	98.0

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## CHEM 220 General Chemistry II (5.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Total	Distance Modes		
				Online	Hybrid	Synchronous
#Sections	12	6	6	0	2	4
#Enrollments	266	116	150	0	58	92
%Success	84.6	77.6	90.0	-	84.5	93.5
%Retention	93.2	88.8	96.7	-	91.4	100.0

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	266	43.6	56.4	-	21.8	34.6
<b>Ethnicity</b>						
Asian-Domestic	50	50.0	50.0	-	20.0	30.0
Asian-Intl	20	25.0	75.0	-	35.0	40.0
African American	4	-	100.0	-	-	100.0
Filipino	33	45.5	54.5	-	15.2	39.4
Hispanic	51	51.0	49.0	-	15.7	33.3
Native American	0	-	-	-	-	-
Pacific Islander	0	-	-	-	-	-
White	65	50.8	49.2	-	21.5	27.7
Multi Races	34	23.5	76.5	-	35.3	41.2
Unrecorded	9	44.4	55.6	-	22.2	33.3
<b>Gender</b>						
Female	117	38.5	61.5	-	27.4	34.2
Male	139	48.2	51.8	-	17.3	34.5
Unrecorded	10	40.0	60.0	-	20.0	40.0
<b>Age</b>						
19 or less	107	44.9	55.1	-	26.2	29.0
20-24	123	43.9	56.1	-	19.5	36.6
25-29	20	40.0	60.0	-	10.0	50.0
30-34	10	30.0	70.0	-	20.0	50.0
35-39	4	50.0	50.0	-	25.0	25.0
40-49	1	100.0	-	-	-	-
50+	1	-	100.0	-	100.0	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	9	-	100.0	-	44.4	55.6
Not disabled	257	45.1	54.9	-	21.0	33.9
<b>First Generation</b>						
First generation	90	45.6	54.4	-	16.7	37.8
Not first generation	148	44.6	55.4	-	23.0	32.4
<b>Income Status</b>						
Low income	33	48.5	51.5	-	12.1	39.4
Not low income	233	42.9	57.1	-	23.2	33.9

#### DEFINITIONS & NOTES

##### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

##### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

##### Part II: Demographic Profile

Displays comparative demographic aggregated success and retention data.

##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/ guardian(s) did not have a 4-year degree.

##### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CHEM 220 General Chemistry II (5.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	84.6	77.6	90.0	-	84.5	93.5
<b>Ethnicity</b>						
Asian-Domestic	96.0	92.0	96.0	-	90.0	100.0
Asian-Intl	86.7	80.0	86.7	-	85.7	87.5
African American	100.0	-	100.0	-	-	100.0
Filipino	83.3	66.7	83.3	-	80.0	84.6
Hispanic	84.0	57.7	84.0	-	75.0	88.2
Native American		-	-	-	-	-
Pacific Islander		-	-	-	-	-
White	90.6	81.8	90.6	-	78.6	100.0
Multi Races	92.3	100.0	92.3	-	91.7	92.9
Unrecorded	100.0	75.0	100.0	-	100.0	100.0
<b>Gender</b>						
Female	84.7	75.6	84.7	-	75.0	92.5
Male	95.8	80.6	95.8	-	100.0	93.8
Unrecorded	83.3	50.0	83.3	-	50.0	100.0
<b>Age</b>						
19 or less	91.5	89.6	91.5	-	92.9	90.3
20-24	88.4	72.2	88.4	-	75.0	95.6
25-29	100.0	50.0	100.0	-	100.0	100.0
30-34	85.7	66.7	85.7	-	100.0	80.0
35-39	50.0	50.0	50.0	-	0.0	100.0
40-49		100.0	-	-	-	-
50+	100.0	-	100.0	-	100.0	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	77.8	-	77.8	-	50.0	100.0
Not disabled	90.8	77.6	90.8	-	87.0	93.1
<b>First Generation</b>						
First generation	83.7	65.9	83.7	-	73.3	88.2
Not first generation	92.7	83.3	92.7	-	85.3	97.9
<b>Income Status</b>						
Low income	88.2	56.3	88.2	-	75.0	92.3
Not low income	90.2	81.0	90.2	-	85.2	93.7

### DEFINITIONS & NOTES

#### Overview of Data

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#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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Notes: EW/MW are non-evaluative and do not constitute enrollment attempts. Fall 2020 actual section modality data were not retained due to COVID-19 emergency and thus the term data are not included in this comparison. Spring 21 impacted by COVID-19.



## CHEM 220 General Chemistry II (5.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	93.2	88.8	96.7	-	91.4	100.0
<b>Ethnicity</b>						
Asian-Domestic	96.0	96.0	96.0	-	90.0	100.0
Asian-Intl	93.3	100.0	93.3	-	85.7	100.0
African American	100.0	-	100.0	-	-	100.0
Filipino	94.4	86.7	94.4	-	80.0	100.0
Hispanic	100.0	80.8	100.0	-	100.0	100.0
Native American		-	-	-	-	-
Pacific Islander		-	-	-	-	-
White	93.8	84.8	93.8	-	85.7	100.0
Multi Races	100.0	100.0	100.0	-	100.0	100.0
Unrecorded	100.0	100.0	100.0	-	100.0	100.0
<b>Gender</b>						
Female	93.1	86.7	93.1	-	84.4	100.0
Male	100.0	91.0	100.0	-	100.0	100.0
Unrecorded	100.0	75.0	100.0	-	100.0	100.0
<b>Age</b>						
19 or less	98.3	95.8	98.3	-	96.4	100.0
20-24	94.2	85.2	94.2	-	83.3	100.0
25-29	100.0	75.0	100.0	-	100.0	100.0
30-34	100.0	100.0	100.0	-	100.0	100.0
35-39	100.0	50.0	100.0	-	100.0	100.0
40-49		100.0	-	-	-	-
50+	100.0	-	100.0	-	100.0	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	77.8	-	77.8	-	50.0	100.0
Not disabled	97.9	88.8	97.9	-	94.4	100.0
<b>First Generation</b>						
First generation	98.0	87.8	98.0	-	93.3	100.0
Not first generation	95.1	87.9	95.1	-	88.2	100.0
<b>Income Status</b>						
Low income	100.0	81.3	100.0	-	100.0	100.0
Not low income	96.2	90.0	96.2	-	90.7	100.0

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CHEM 231 Organic Chemistry I (5.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Total	Distance Modes		
				Online	Hybrid	Synchronous
#Sections	6	3	3	0	0	3
#Enrollments	88	56	32	0	0	32
%Success	85.2	83.9	87.5	-	-	87.5
%Retention	94.3	91.1	100.0	-	-	100.0

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	88	63.6	36.4	-	-	36.4
<b>Ethnicity</b>						
Asian-Domestic	23	65.2	34.8	-	-	34.8
Asian-Intl	6	66.7	33.3	-	-	33.3
African American	1	-	100.0	-	-	100.0
Filipino	3	33.3	66.7	-	-	66.7
Hispanic	26	76.9	23.1	-	-	23.1
Native American	0	-	-	-	-	-
Pacific Islander	2	50.0	50.0	-	-	50.0
White	18	50.0	50.0	-	-	50.0
Multi Races	8	62.5	37.5	-	-	37.5
Unrecorded	1	100.0	-	-	-	-
<b>Gender</b>						
Female	52	61.5	38.5	-	-	38.5
Male	34	67.6	32.4	-	-	32.4
Unrecorded	2	50.0	50.0	-	-	50.0
<b>Age</b>						
19 or less	29	69.0	31.0	-	-	31.0
20-24	48	62.5	37.5	-	-	37.5
25-29	4	25.0	75.0	-	-	75.0
30-34	5	60.0	40.0	-	-	40.0
35-39	1	100.0	-	-	-	-
40-49	1	100.0	-	-	-	-
50+	0	-	-	-	-	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	5	80.0	20.0	-	-	20.0
Not disabled	83	62.7	37.3	-	-	37.3
<b>First Generation</b>						
First generation	39	64.1	35.9	-	-	35.9
Not first generation	41	63.4	36.6	-	-	36.6
<b>Income Status</b>						
Low income	21	52.4	47.6	-	-	47.6
Not low income	67	67.2	32.8	-	-	32.8

#### DEFINITIONS & NOTES

##### Overview of Data

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##### Enrollments

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##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

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## CHEM 231 Organic Chemistry I (5.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	85.2	83.9	87.5	-	-	87.5
<b>Ethnicity</b>						
Asian-Domestic	87.5	100.0	87.5	-	-	87.5
Asian-Intl	100.0	100.0	100.0	-	-	100.0
African American	100.0	-	100.0	-	-	100.0
Filipino	100.0	100.0	100.0	-	-	100.0
Hispanic	83.3	75.0	83.3	-	-	83.3
Native American		-	-	-	-	-
Pacific Islander	0.0	0.0	0.0	-	-	0.0
White	88.9	66.7	88.9	-	-	88.9
Multi Races	100.0	100.0	100.0	-	-	100.0
Unrecorded		100.0	-	-	-	-
<b>Gender</b>						
Female	85.0	81.3	85.0	-	-	85.0
Male	90.9	87.0	90.9	-	-	90.9
Unrecorded	100.0	100.0	100.0	-	-	100.0
<b>Age</b>						
19 or less	100.0	100.0	100.0	-	-	100.0
20-24	77.8	76.7	77.8	-	-	77.8
25-29	100.0	100.0	100.0	-	-	100.0
30-34	100.0	66.7	100.0	-	-	100.0
35-39		0.0	-	-	-	-
40-49		100.0	-	-	-	-
50+		-	-	-	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	100.0	100.0	-	-	100.0
Not disabled	87.1	82.7	87.1	-	-	87.1
<b>First Generation</b>						
First generation	85.7	76.0	85.7	-	-	85.7
Not first generation	86.7	92.3	86.7	-	-	86.7
<b>Income Status</b>						
Low income	90.0	81.8	90.0	-	-	90.0
Not low income	86.4	84.4	86.4	-	-	86.4

### DEFINITIONS & NOTES

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#### Enrollments

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#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

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## CHEM 231 Organic Chemistry I (5.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	94.3	91.1	100.0	-	-	100.0
<b>Ethnicity</b>						
Asian-Domestic	100.0	100.0	100.0	-	-	100.0
Asian-Intl	100.0	100.0	100.0	-	-	100.0
African American	100.0	-	100.0	-	-	100.0
Filipino	100.0	100.0	100.0	-	-	100.0
Hispanic	100.0	90.0	100.0	-	-	100.0
Native American		-	-	-	-	-
Pacific Islander	100.0	0.0	100.0	-	-	100.0
White	100.0	77.8	100.0	-	-	100.0
Multi Races	100.0	100.0	100.0	-	-	100.0
Unrecorded		100.0	-	-	-	-
<b>Gender</b>						
Female	100.0	93.8	100.0	-	-	100.0
Male	100.0	87.0	100.0	-	-	100.0
Unrecorded	100.0	100.0	100.0	-	-	100.0
<b>Age</b>						
19 or less	100.0	100.0	100.0	-	-	100.0
20-24	100.0	90.0	100.0	-	-	100.0
25-29	100.0	100.0	100.0	-	-	100.0
30-34	100.0	66.7	100.0	-	-	100.0
35-39		0.0	-	-	-	-
40-49		100.0	-	-	-	-
50+		-	-	-	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	100.0	100.0	-	-	100.0
Not disabled	100.0	90.4	100.0	-	-	100.0
<b>First Generation</b>						
First generation	100.0	88.0	100.0	-	-	100.0
Not first generation	100.0	96.2	100.0	-	-	100.0
<b>Income Status</b>						
Low income	100.0	90.9	100.0	-	-	100.0
Not low income	100.0	91.1	100.0	-	-	100.0

### DEFINITIONS & NOTES

#### Overview of Data

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#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

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## CHEM 232 Organic Chemistry II (5.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Total	Distance Modes		
				Online	Hybrid	Synchronous
#Sections	7	4	3	0	0	3
#Enrollments	95	50	45	0	0	45
%Success	94.7	90.0	100.0	-	-	100.0
%Retention	98.9	98.0	100.0	-	-	100.0

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	95	52.6	47.4	-	-	47.4
<b>Ethnicity</b>						
Asian-Domestic	21	66.7	33.3	-	-	33.3
Asian-Intl	10	40.0	60.0	-	-	60.0
African American	2	-	100.0	-	-	100.0
Filipino	5	80.0	20.0	-	-	20.0
Hispanic	26	53.8	46.2	-	-	46.2
Native American	0	-	-	-	-	-
Pacific Islander	0	-	-	-	-	-
White	22	31.8	68.2	-	-	68.2
Multi Races	6	100.0	-	-	-	-
Unrecorded	3	33.3	66.7	-	-	66.7
<b>Gender</b>						
Female	52	51.9	48.1	-	-	48.1
Male	41	51.2	48.8	-	-	48.8
Unrecorded	2	100.0	-	-	-	-
<b>Age</b>						
19 or less	20	75.0	25.0	-	-	25.0
20-24	65	52.3	47.7	-	-	47.7
25-29	5	20.0	80.0	-	-	80.0
30-34	2	-	100.0	-	-	100.0
35-39	0	-	-	-	-	-
40-49	1	-	100.0	-	-	100.0
50+	2	-	100.0	-	-	100.0
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	0	-	-	-	-	-
Not disabled	95	52.6	47.4	-	-	47.4
<b>First Generation</b>						
First generation	31	54.8	45.2	-	-	45.2
Not first generation	51	54.9	45.1	-	-	45.1
<b>Income Status</b>						
Low income	24	50.0	50.0	-	-	50.0
Not low income	71	53.5	46.5	-	-	46.5

#### DEFINITIONS & NOTES

##### Overview of Data

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Displays summaries of total enrollment, numbers of sections offered, retention, and success.

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Displays comparative demographic aggregated success and retention data.

##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

##### Low Income

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## CHEM 232 Organic Chemistry II (5.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	94.7	90.0	100.0	-	-	100.0
<b>Ethnicity</b>						
Asian-Domestic	100.0	92.9	100.0	-	-	100.0
Asian-Intl	100.0	100.0	100.0	-	-	100.0
African American	100.0	-	100.0	-	-	100.0
Filipino	100.0	75.0	100.0	-	-	100.0
Hispanic	100.0	85.7	100.0	-	-	100.0
Native American		-	-	-	-	-
Pacific Islander		-	-	-	-	-
White	100.0	85.7	100.0	-	-	100.0
Multi Races		100.0	-	-	-	-
Unrecorded	100.0	100.0	100.0	-	-	100.0
<b>Gender</b>						
Female	100.0	88.9	100.0	-	-	100.0
Male	100.0	90.5	100.0	-	-	100.0
Unrecorded		100.0	-	-	-	-
<b>Age</b>						
19 or less	100.0	93.3	100.0	-	-	100.0
20-24	100.0	91.2	100.0	-	-	100.0
25-29	100.0	0.0	100.0	-	-	100.0
30-34	100.0	-	100.0	-	-	100.0
35-39		-	-	-	-	-
40-49	100.0	-	100.0	-	-	100.0
50+	100.0	-	100.0	-	-	100.0
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled		-	-	-	-	-
Not disabled	100.0	90.0	100.0	-	-	100.0
<b>First Generation</b>						
First generation	100.0	88.2	100.0	-	-	100.0
Not first generation	100.0	89.3	100.0	-	-	100.0
<b>Income Status</b>						
Low income	100.0	91.7	100.0	-	-	100.0
Not low income	100.0	89.5	100.0	-	-	100.0

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

Prepared by the Office of Planning, Research, Innovation, and Effectiveness (PRIE)  
[collegeofsanmateo.edu/prie](http://collegeofsanmateo.edu/prie)

Notes: EW/MW are non-evaluative and do not constitute enrollment attempts. Fall 2020 actual section modality data were not retained due to COVID-19 emergency and thus the term data are not included in this comparison. Spring 21 impacted by COVID-19.

## CHEM 232 Organic Chemistry II (5.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	98.9	98.0	100.0	-	-	100.0
<b>Ethnicity</b>						
Asian-Domestic	100.0	100.0	100.0	-	-	100.0
Asian-Intl	100.0	100.0	100.0	-	-	100.0
African American	100.0	-	100.0	-	-	100.0
Filipino	100.0	100.0	100.0	-	-	100.0
Hispanic	100.0	92.9	100.0	-	-	100.0
Native American		-	-	-	-	-
Pacific Islander		-	-	-	-	-
White	100.0	100.0	100.0	-	-	100.0
Multi Races		100.0	-	-	-	-
Unrecorded	100.0	100.0	100.0	-	-	100.0
<b>Gender</b>						
Female	100.0	96.3	100.0	-	-	100.0
Male	100.0	100.0	100.0	-	-	100.0
Unrecorded		100.0	-	-	-	-
<b>Age</b>						
19 or less	100.0	100.0	100.0	-	-	100.0
20-24	100.0	97.1	100.0	-	-	100.0
25-29	100.0	100.0	100.0	-	-	100.0
30-34	100.0	-	100.0	-	-	100.0
35-39		-	-	-	-	-
40-49	100.0	-	100.0	-	-	100.0
50+	100.0	-	100.0	-	-	100.0
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled		-	-	-	-	-
Not disabled	100.0	98.0	100.0	-	-	100.0
<b>First Generation</b>						
First generation	100.0	94.1	100.0	-	-	100.0
Not first generation	100.0	100.0	100.0	-	-	100.0
<b>Income Status</b>						
Low income	100.0	100.0	100.0	-	-	100.0
Not low income	100.0	97.4	100.0	-	-	100.0

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CHEM 410 Health Science Chem I (4.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Total	Distance Modes		
				Online	Hybrid	Synchronous
#Sections	18	3	15	0	7	8
#Enrollments	423	73	350	0	152	198
%Success	67.8	50.7	71.4	-	48.0	89.4
%Retention	86.3	75.3	88.6	-	73.7	100.0

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	423	17.3	82.7	-	35.9	46.8
<b>Ethnicity</b>						
Asian-Domestic	39	7.7	92.3	-	28.2	64.1
Asian-Intl	11	27.3	72.7	-	27.3	45.5
African American	6	-	100.0	-	33.3	66.7
Filipino	78	9.0	91.0	-	34.6	56.4
Hispanic	161	18.6	81.4	-	40.4	41.0
Native American	1	-	100.0	-	100.0	-
Pacific Islander	10	10.0	90.0	-	50.0	40.0
White	71	18.3	81.7	-	38.0	43.7
Multi Races	31	29.0	71.0	-	25.8	45.2
Unrecorded	15	46.7	53.3	-	20.0	33.3
<b>Gender</b>						
Female	292	18.5	81.5	-	36.3	45.2
Male	127	15.0	85.0	-	34.6	50.4
Unrecorded	4	-	100.0	-	50.0	50.0
<b>Age</b>						
19 or less	147	21.8	78.2	-	29.9	48.3
20-24	137	13.1	86.9	-	42.3	44.5
25-29	61	18.0	82.0	-	41.0	41.0
30-34	37	21.6	78.4	-	21.6	56.8
35-39	21	9.5	90.5	-	47.6	42.9
40-49	15	6.7	93.3	-	33.3	60.0
50+	5	20.0	80.0	-	40.0	40.0
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	18	27.8	72.2	-	16.7	55.6
Not disabled	405	16.8	83.2	-	36.8	46.4
<b>First Generation</b>						
First generation	235	18.7	81.3	-	35.3	46.0
Not first generation	151	13.9	86.1	-	34.4	51.7
<b>Income Status</b>						
Low income	142	21.1	78.9	-	39.4	39.4
Not low income	281	15.3	84.7	-	34.2	50.5

#### DEFINITIONS & NOTES

##### Overview of Data

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##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/ guardian(s) did not have a 4-year degree.

##### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CHEM 410 Health Science Chem I (4.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	67.8	50.7	71.4	-	48.0	89.4
<b>Ethnicity</b>						
Asian-Domestic	88.9	33.3	88.9	-	72.7	96.0
Asian-Intl	87.5	100.0	87.5	-	66.7	100.0
African American	66.7	-	66.7	-	50.0	75.0
Filipino	73.2	42.9	73.2	-	44.4	90.9
Hispanic	60.3	40.0	60.3	-	35.4	84.8
Native American	100.0	-	100.0	-	100.0	-
Pacific Islander	55.6	0.0	55.6	-	60.0	50.0
White	86.2	84.6	86.2	-	74.1	96.8
Multi Races	68.2	33.3	68.2	-	37.5	85.7
Unrecorded	62.5	57.1	62.5	-	0.0	100.0
<b>Gender</b>						
Female	68.1	51.9	68.1	-	42.5	88.6
Male	78.7	47.4	78.7	-	61.4	90.6
Unrecorded	75.0	-	75.0	-	50.0	100.0
<b>Age</b>						
19 or less	69.6	37.5	69.6	-	45.5	84.5
20-24	70.6	44.4	70.6	-	50.0	90.2
25-29	70.0	63.6	70.0	-	44.0	96.0
30-34	75.9	75.0	75.9	-	37.5	90.5
35-39	78.9	100.0	78.9	-	60.0	100.0
40-49	71.4	100.0	71.4	-	40.0	88.9
50+	100.0	100.0	100.0	-	100.0	100.0
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	76.9	20.0	76.9	-	66.7	80.0
Not disabled	71.2	52.9	71.2	-	47.7	89.9
<b>First Generation</b>						
First generation	69.6	43.2	69.6	-	47.0	87.0
Not first generation	74.6	57.1	74.6	-	50.0	91.0
<b>Income Status</b>						
Low income	59.8	33.3	59.8	-	39.3	80.4
Not low income	76.9	62.8	76.9	-	53.1	93.0

### DEFINITIONS & NOTES

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#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

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## CHEM 410 Health Science Chem I (4.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	86.3	75.3	88.6	-	73.7	100.0
<b>Ethnicity</b>						
Asian-Domestic	94.4	66.7	94.4	-	81.8	100.0
Asian-Intl	87.5	100.0	87.5	-	66.7	100.0
African American	100.0	-	100.0	-	100.0	100.0
Filipino	93.0	71.4	93.0	-	81.5	100.0
Hispanic	84.0	66.7	84.0	-	67.7	100.0
Native American	100.0	-	100.0	-	100.0	-
Pacific Islander	77.8	100.0	77.8	-	60.0	100.0
White	93.1	100.0	93.1	-	85.2	100.0
Multi Races	86.4	77.8	86.4	-	62.5	100.0
Unrecorded	75.0	57.1	75.0	-	33.3	100.0
<b>Gender</b>						
Female	86.6	75.9	86.6	-	69.8	100.0
Male	93.5	73.7	93.5	-	84.1	100.0
Unrecorded	75.0	-	75.0	-	50.0	100.0
<b>Age</b>						
19 or less	88.7	65.6	88.7	-	70.5	100.0
20-24	87.4	72.2	87.4	-	74.1	100.0
25-29	88.0	90.9	88.0	-	76.0	100.0
30-34	93.1	87.5	93.1	-	75.0	100.0
35-39	84.2	100.0	84.2	-	70.0	100.0
40-49	92.9	100.0	92.9	-	80.0	100.0
50+	100.0	100.0	100.0	-	100.0	100.0
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	40.0	100.0	-	100.0	100.0
Not disabled	88.1	77.9	88.1	-	73.2	100.0
<b>First Generation</b>						
First generation	86.4	77.3	86.4	-	68.7	100.0
Not first generation	91.5	71.4	91.5	-	78.8	100.0
<b>Income Status</b>						
Low income	83.9	70.0	83.9	-	67.9	100.0
Not low income	90.8	79.1	90.8	-	77.1	100.0

### DEFINITIONS & NOTES

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#### Part II: Demographic Profile

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#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

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## CHEM 420 Health Science Chem II (4.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Total	Distance Modes		
				Online	Hybrid	Synchronous
#Sections	4	2	2	0	0	2
#Enrollments	90	56	34	0	0	34
%Success	85.6	76.8	100.0	-	-	100.0
%Retention	94.4	91.1	100.0	-	-	100.0

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	90	62.2	37.8	-	-	37.8
<b>Ethnicity</b>						
Asian-Domestic	8	50.0	50.0	-	-	50.0
Asian-Intl	4	75.0	25.0	-	-	25.0
African American	0	-	-	-	-	-
Filipino	15	80.0	20.0	-	-	20.0
Hispanic	38	60.5	39.5	-	-	39.5
Native American	0	-	-	-	-	-
Pacific Islander	3	33.3	66.7	-	-	66.7
White	10	60.0	40.0	-	-	40.0
Multi Races	9	44.4	55.6	-	-	55.6
Unrecorded	3	100.0	-	-	-	-
<b>Gender</b>						
Female	75	61.3	38.7	-	-	38.7
Male	15	66.7	33.3	-	-	33.3
Unrecorded	0	-	-	-	-	-
<b>Age</b>						
19 or less	12	75.0	25.0	-	-	25.0
20-24	50	62.0	38.0	-	-	38.0
25-29	13	69.2	30.8	-	-	30.8
30-34	7	42.9	57.1	-	-	57.1
35-39	4	50.0	50.0	-	-	50.0
40-49	3	66.7	33.3	-	-	33.3
50+	1	-	100.0	-	-	100.0
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	4	25.0	75.0	-	-	75.0
Not disabled	86	64.0	36.0	-	-	36.0
<b>First Generation</b>						
First generation	57	64.9	35.1	-	-	35.1
Not first generation	23	56.5	43.5	-	-	43.5
<b>Income Status</b>						
Low income	34	61.8	38.2	-	-	38.2
Not low income	56	62.5	37.5	-	-	37.5

#### DEFINITIONS & NOTES

##### Overview of Data

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##### Part II: Demographic Profile

Displays comparative demographic aggregated success and retention data.

##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

##### Low Income

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## CHEM 420 Health Science Chem II (4.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	85.6	76.8	100.0	-	-	100.0
<b>Ethnicity</b>						
Asian-Domestic	100.0	75.0	100.0	-	-	100.0
Asian-Intl	100.0	100.0	100.0	-	-	100.0
African American		-	-	-	-	-
Filipino	100.0	75.0	100.0	-	-	100.0
Hispanic	100.0	82.6	100.0	-	-	100.0
Native American		-	-	-	-	-
Pacific Islander	100.0	0.0	100.0	-	-	100.0
White	100.0	33.3	100.0	-	-	100.0
Multi Races	100.0	100.0	100.0	-	-	100.0
Unrecorded		100.0	-	-	-	-
<b>Gender</b>						
Female	100.0	73.9	100.0	-	-	100.0
Male	100.0	90.0	100.0	-	-	100.0
Unrecorded		-	-	-	-	-
<b>Age</b>						
19 or less	100.0	77.8	100.0	-	-	100.0
20-24	100.0	77.4	100.0	-	-	100.0
25-29	100.0	66.7	100.0	-	-	100.0
30-34	100.0	100.0	100.0	-	-	100.0
35-39	100.0	100.0	100.0	-	-	100.0
40-49	100.0	50.0	100.0	-	-	100.0
50+	100.0	-	100.0	-	-	100.0
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	100.0	100.0	-	-	100.0
Not disabled	100.0	76.4	100.0	-	-	100.0
<b>First Generation</b>						
First generation	100.0	78.4	100.0	-	-	100.0
Not first generation	100.0	69.2	100.0	-	-	100.0
<b>Income Status</b>						
Low income	100.0	85.7	100.0	-	-	100.0
Not low income	100.0	71.4	100.0	-	-	100.0

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

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Displays summaries of total enrollment, numbers of sections offered, retention, and success.

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Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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Notes: EW/MW are non-evaluative and do not constitute enrollment attempts. Fall 2020 actual section modality data were not retained due to COVID-19 emergency and thus the term data are not included in this comparison. Spring 21 impacted by COVID-19.

## CHEM 420 Health Science Chem II (4.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	94.4	91.1	100.0	-	-	100.0
<b>Ethnicity</b>						
Asian-Domestic	100.0	75.0	100.0	-	-	100.0
Asian-Intl	100.0	100.0	100.0	-	-	100.0
African American		-	-	-	-	-
Filipino	100.0	91.7	100.0	-	-	100.0
Hispanic	100.0	95.7	100.0	-	-	100.0
Native American		-	-	-	-	-
Pacific Islander	100.0	100.0	100.0	-	-	100.0
White	100.0	66.7	100.0	-	-	100.0
Multi Races	100.0	100.0	100.0	-	-	100.0
Unrecorded		100.0	-	-	-	-
<b>Gender</b>						
Female	100.0	91.3	100.0	-	-	100.0
Male	100.0	90.0	100.0	-	-	100.0
Unrecorded		-	-	-	-	-
<b>Age</b>						
19 or less	100.0	100.0	100.0	-	-	100.0
20-24	100.0	90.3	100.0	-	-	100.0
25-29	100.0	88.9	100.0	-	-	100.0
30-34	100.0	100.0	100.0	-	-	100.0
35-39	100.0	100.0	100.0	-	-	100.0
40-49	100.0	50.0	100.0	-	-	100.0
50+	100.0	-	100.0	-	-	100.0
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	100.0	100.0	-	-	100.0
Not disabled	100.0	90.9	100.0	-	-	100.0
<b>First Generation</b>						
First generation	100.0	91.9	100.0	-	-	100.0
Not first generation	100.0	84.6	100.0	-	-	100.0
<b>Income Status</b>						
Low income	100.0	95.2	100.0	-	-	100.0
Not low income	100.0	88.6	100.0	-	-	100.0

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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