Graduating Student Survey
College of Science and Engineering
Fall 2023

By the Office of Planning and Assessment

University of Houston-Clear Lake

Summary of the Survey

The purpose of the Graduating Student Survey is to determine the level of satisfaction of students with their recent higher education experience at the University of Houston-Clear Lake (UHCL). In addition, we solicit the students' opinions regarding which areas or issues need improvement to ensure that UHCL maintains the highest quality of instruction and support. Finally, the percentage of students who would recommend UHCL to family or friends is included in the UHCL progress card each year and is on the next page.

We conduct the Graduating Student Surveys in the fall and spring semesters using Qualtrics, a cloud-based software often used to capture a user's experience. The Office of Planning and Assessment sent an invitation on November 1st, 2023 to all students who applied for graduation during the Fall 2023 semester to complete the survey. The survey was active through December 10th, 2023. You'll find the data grouped by college, degree level, gender, ethnicity, and program. The following pages summarize data collected in the Graduating Student Survey Fall 2023 by UHCL on the College of Human Sciences and Humanities.

The final reports are posted online at:

https://www.uhcl.edu/about/administrative-offices/institutional-research/survey-data

College of Science and Engineering

Demographics

Respondents:

243 graduating CSE students were invited to participate. During this collection period, 135 students started the survey. The response rate for this survey is 55.56%.

Spring	2023	23.2%
Fall	2022	37.5%
Spring	2022	31.0%
Spring	2021	23.8%
Fall	2020	Not Captured
Spring	2020	19.4%
Fall	2019	28.2%
Spring	2019	25.0%
Fall	2018	24.7%

Ethnicity:

American Indian or Alaskan Native	0.71%	1
Asian	23.57%	33
Black or African American	4.28%	6
Hispanic	27.85%	39
Multi-racial	2.14%	3
Native Hawaiian or Pacific Islander	0.00%	0
Other	1.42%	1
White	27.14%	38
Prefer to not respond	2.85%	4
No Response	10.00%	14

Gender:

Female	43.70%	59
Male	43.70%	59
Non-binary/third gender	0.74%	1
Prefer not to respond	2.22%	3
No Response	9.62%	13

Citizenship:

International	14.81%	20
US Citizen	69.62%	94
US Resident (Green Card)	2.22%	3
Prefer to not Respond	2.22%	3
No response	11.11%	15

College of Science and Engineering

Overall Satisfaction

The overall education received at UHCL was one of high quality.

Strongly agree	54.81%	74
Somewhat agree	36.29%	49
Neither agree nor disagree	5.18%	7
Somewhat disagree	0.00%	0
Strongly disagree	0.74%	1
No response	2.96%	4

I would recommend UHCL to friends and family considering college.

Strongly agree	61.48%	83
Somewhat agree	25.18%	34
Neither agree nor disagree	7.40%	10
Somewhat disagree	0.74%	1
Strongly disagree	1.48%	2
No response	3.70%	5

If I were to start over, I would still choose to attend UHCL.

Strongly agree	53.33%	72
Somewhat agree	25.18%	34
Neither agree nor disagree	11.85%	16
Somewhat disagree	2.96%	4
Strongly disagree	2.96%	4
No response	3.70%	5

If I were to start over, I would still choose the same program of study.

Strongly agree	60.00%	81
Somewhat agree	19.25%	26
Neither agree nor disagree	12.59%	17
Somewhat disagree	4.44%	6
Strongly disagree	0.74%	1
No response	2.96%	4

What will be your degree level?

Degree Level
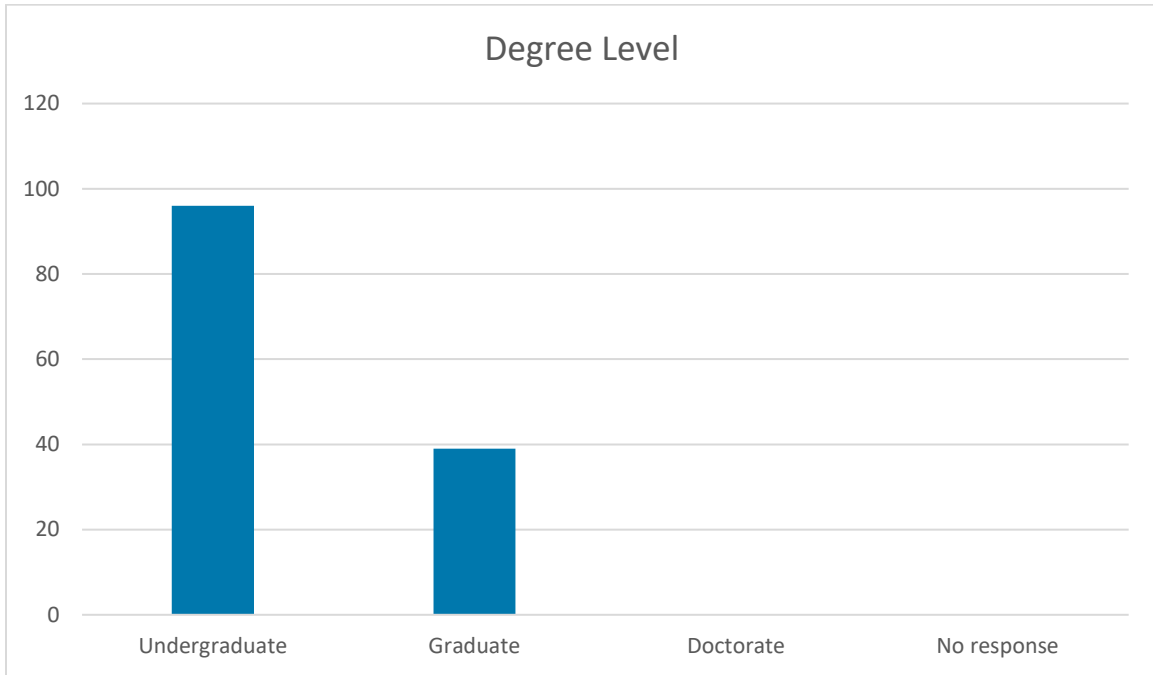
Degree	Count of Responses	Percentage
Undergraduate	96	71.64%
Graduate	39	28.36%
Doctorate	0	0.00%
No response	0	0.00%
Total	135	100.00%

What is your primary degree program in the College of Science and Engineering?

Top 5
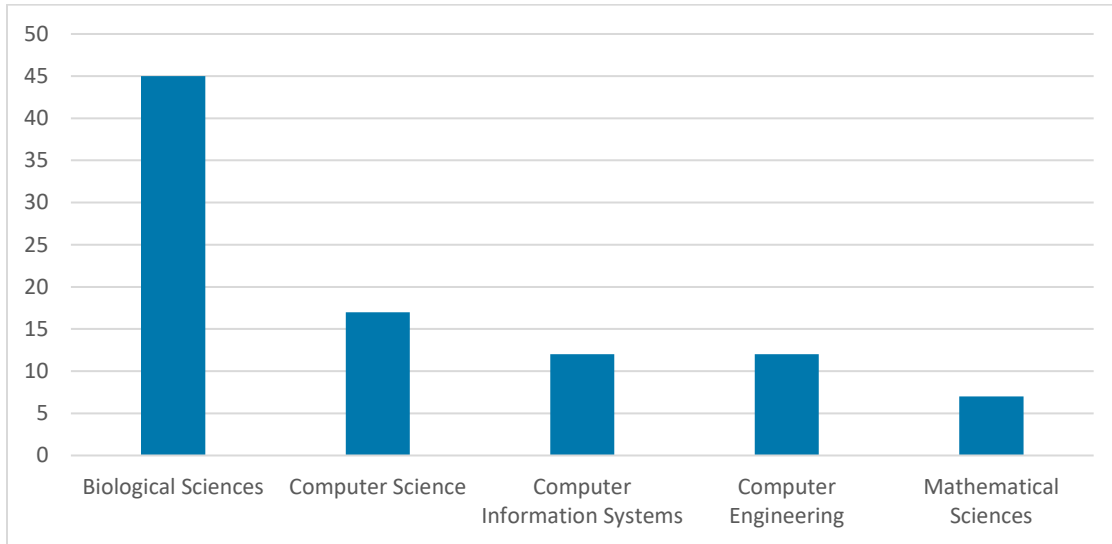
Degree	Count
Biological Sciences	45
Biotechnology	1
Chemistry	6
Computer Engineering	12
Computer Information Systems	12
Computer Science	17
Data Science	1
Engineering Management	5
Environmental Science	10
Information Technology	5
Mathematical Sciences	7
Mechanical Engineering	1
Occupational Safety and Health	6
Physics	2
Software Engineering	3
Systems Engineering	1
No Response/Blank	1

I was satisfied with the availability of classes at the following times & locations.

Satisfaction with Class Availability

Day classes (before 4pm)

Night classes (after 4pm)

100% online classes

Pearland Classes

Texas Medical Center

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

- ■ Strongly Disagree
- ■ Somewhat disagree
- ■ Neither agree nor disagree
- ■ Somewhat agree
- ■ Strongly agree
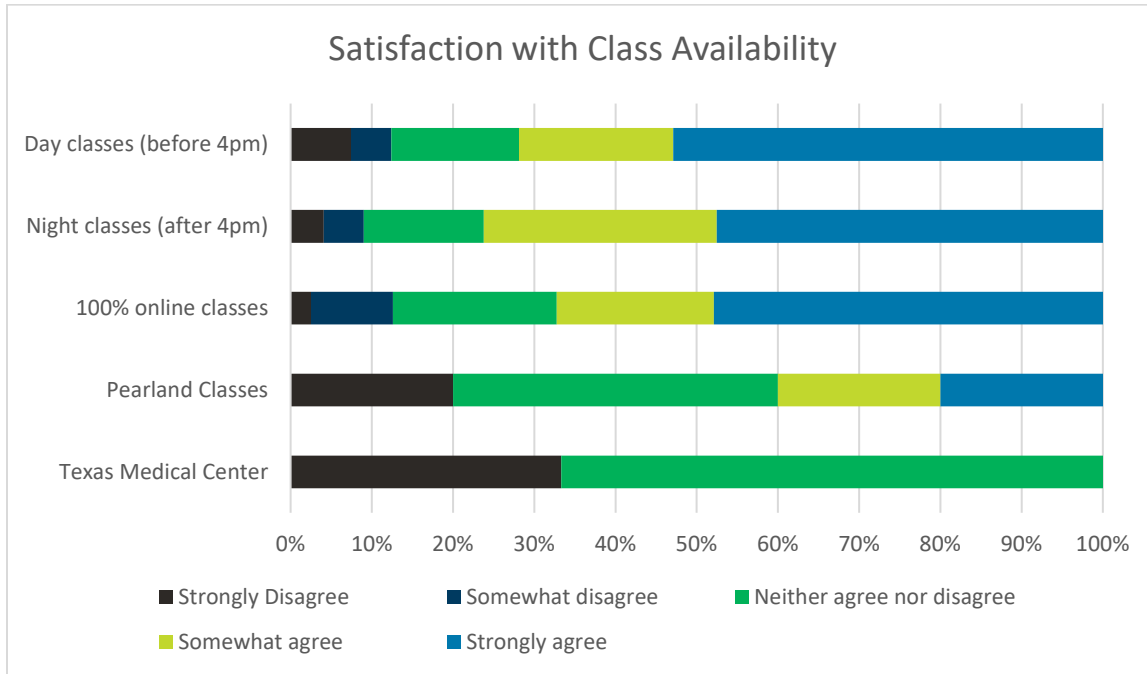
Time/Location	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree	Blank/Not applicable
Day classes (before 4 pm)	9	6	19	23	64	14
Night classes (after 4 pm)	5	6	18	35	58	13
100% online classes	3	12	24	23	57	16
Pearland Classes	1	0	2	1	1	130
Texas Medical Center	1	0	2	0	0	132

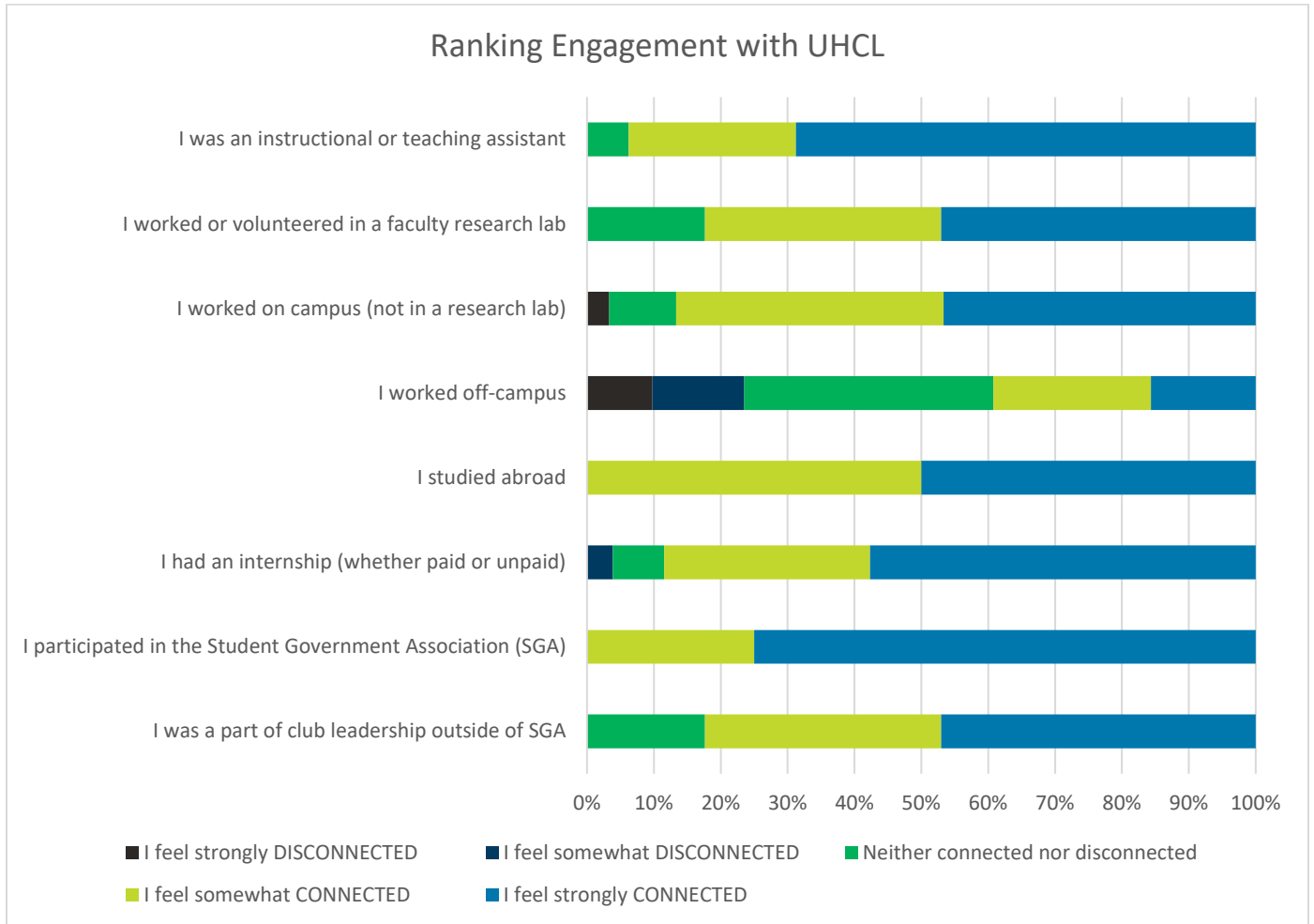# Please indicate your level of agreement with how well your program prepared you in each of the following areas:

Assessing Program Effectiveness

Legend: ■ Strongly Disagree ■ Somewhat disagree ■ Neither agree nor disagree ■ Somewhat agree ■ Strongly agree
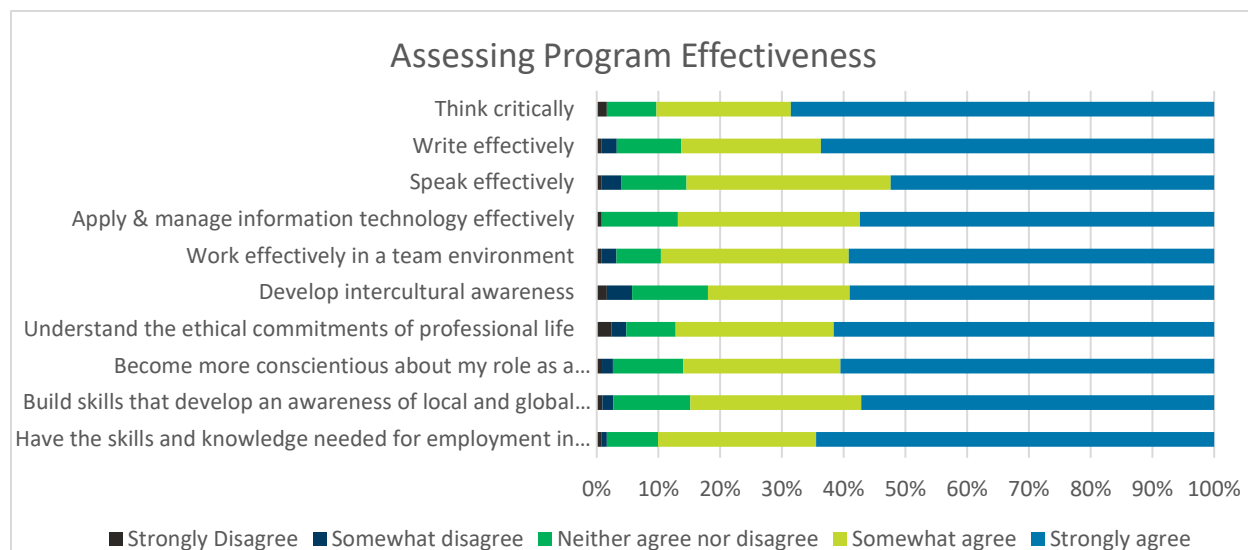
Area	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree	Blank/Not applicable
Think critically	2	0	10	27	85	11
Write effectively	1	3	13	28	79	11
Speak effectively	1	4	13	41	65	11
Apply & manage information technology effectively	1	0	15	36	70	13
Work effectively in a team environment	1	3	9	38	74	10
Develop intercultural awareness	2	5	15	28	72	13
Understand the ethical commitments of professional life	3	3	10	32	77	10
Become more conscientious about my role as a responsible citizen	1	2	13	29	69	21
Build skills that develop an awareness of local and global needs	1	2	14	31	64	23
Have the skills and knowledge needed for employment in my field	1	1	10	31	78	14

Please select the box for each activity you did while a student at UHCL, regardless of when or how often you did so. Check all that apply.
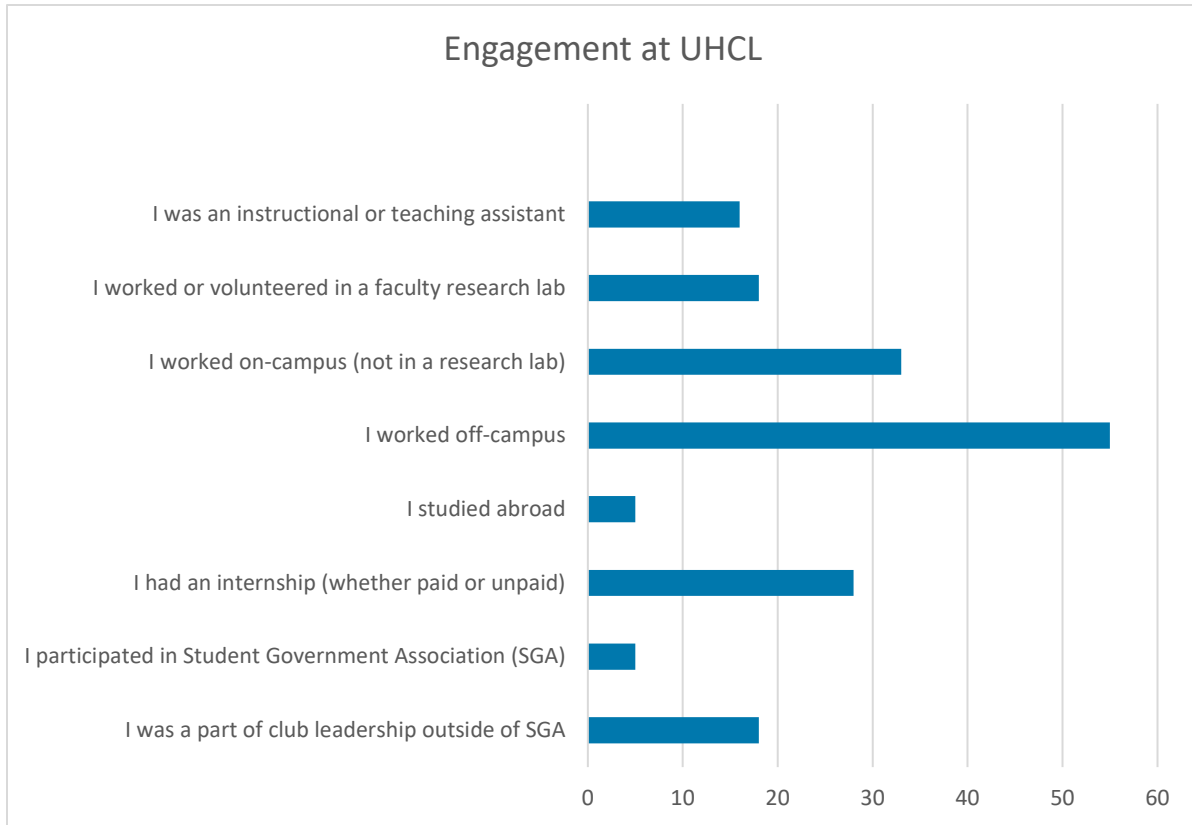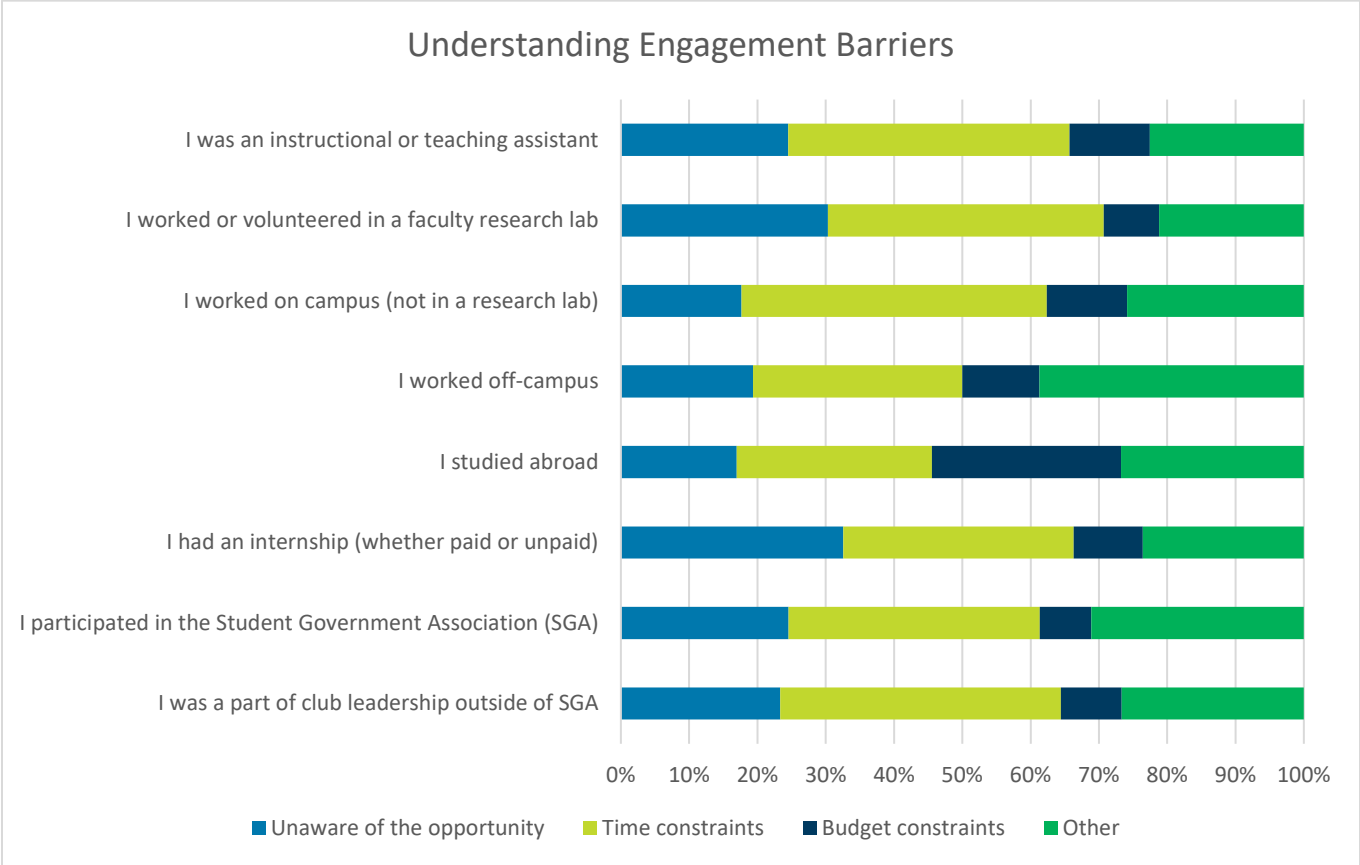

Response	Count	Percentage
I was an instructional or teaching assistant	16	11.85%
I worked or volunteered in a faculty research lab	18	13.33%
I worked on campus (not in a research lab)	33	24.44%
I worked off-campus	55	40.74%
I studied abroad	5	3.70%
I had an internship (whether paid or unpaid)	28	20.74%
I participated in the Student Government Association (SGA)	5	3.70%
I was a part of club leadership outside of SGA	18	13.33%
Blank/Not applicable	28	20.74%

Please rank your CONNECTEDNESS to UHCL based on the activity(ies) you participated in:

### Ranking Engagement with UHCL

Legend:
- I feel strongly DISCONNECTED
- I feel somewhat DISCONNECTED
- Neither connected nor disconnected
- I feel somewhat CONNECTED
- I feel strongly CONNECTED

Response	I feel strongly DISCONNECTED	I feel somewhat DISCONNECTED	Neither connected nor disconnected	I feel somewhat CONNECTED	I feel strongly CONNECTED	Blank/Not applicable
I was an instructional or teaching assistant	0	0	1	4	11	119
I worked or volunteered in a faculty research lab	0	0	3	6	8	118
I worked on campus (not in a research lab)	1	0	3	12	14	105
I worked off-campus	5	7	19	12	8	84
I studied abroad	0	0	0	2	2	131
I had an internship (whether paid or unpaid)	0	1	2	8	15	109
I participated in the Student Government Association (SGA)	0	0	0	1	3	131
I was a part of club leadership outside of SGA	0	0	3	6	8	118

For the activity(ies) you did NOT participate in, please select the box or boxes for why you didn't. Select all that apply.

Understanding Engagement Barriers

Categories (bottom to top):
- I was a part of club leadership outside of SGA
- I participated in the Student Government Association (SGA)
- I had an internship (whether paid or unpaid)
- I studied abroad
- I worked off-campus
- I worked on campus (not in a research lab)
- I worked or volunteered in a faculty research lab
- I was an instructional or teaching assistant

Legend:
- Unaware of the opportunity
- Time constraints
- Budget constraints
- Other

X-axis: 0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

Response	Unaware of the opportunity	Time constraints	Budget constraints	Other
I was an instructional or teaching assistant	25	42	12	23
I worked or volunteered in a faculty research lab	30	40	8	21
I worked on campus (not in a research lab)	15	38	10	22
I worked off-campus	12	19	7	24
I studied abroad	19	32	31	30
I had an internship (whether paid or unpaid)	29	30	9	21
I participated in the Student Government Association (SGA)	26	39	8	33
I was a part of club leadership outside of SGA	21	37	8	24
Blank/Not applicable	78	61	91	79

**If you were employed on-campus or off-campus, how many hours per week did you work?**

On-Campus and Off-Campus Employment
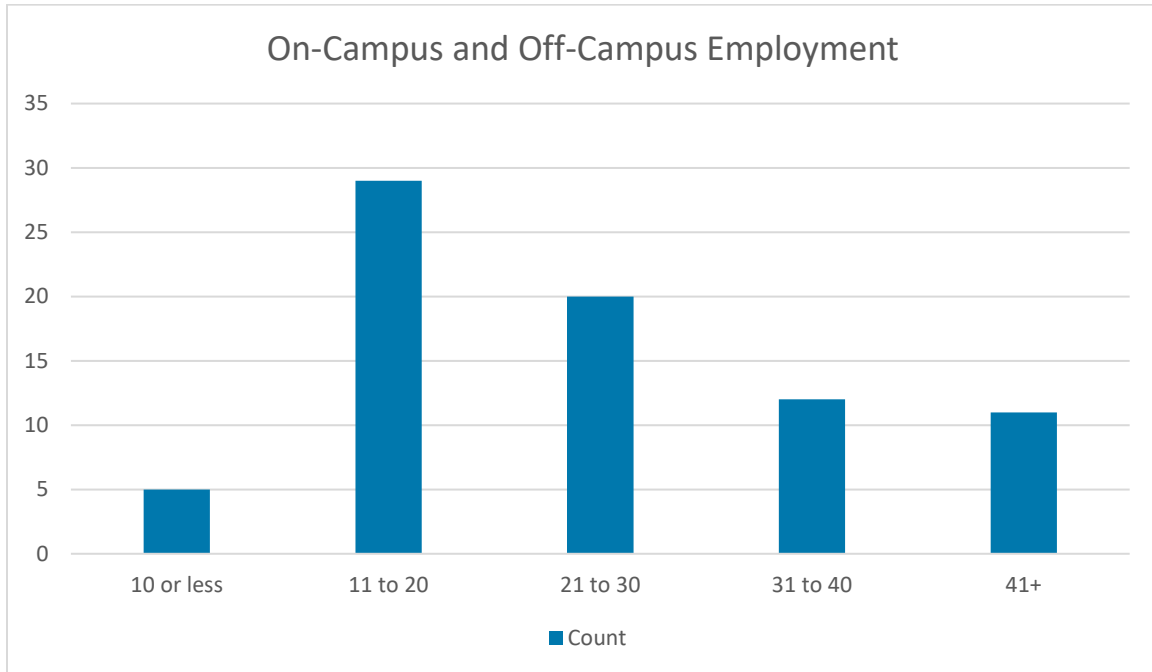
Response	Count	Percentage
10 or less	5	3.73%
11-20	29	21.64%
21-30	20	14.93%
31-40	12	8.96%
41+	11	8.21%
No Response/Blank	58	42.53%

What will be your status upon graduating?
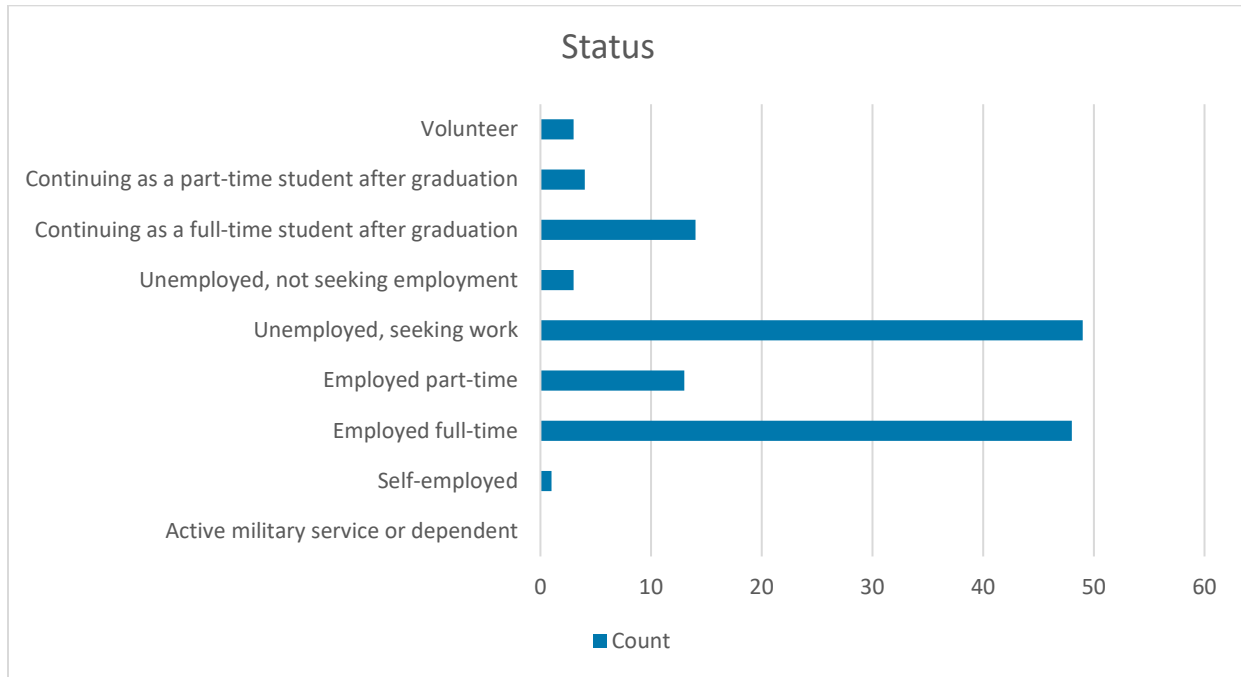
Response	Count	Percentage
Active military service or dependent	0	0.00%
Self-employed	1	0.74%
Employed full-time	48	35.55%
Employed part-time	13	9.63%
Unemployed, seeking work	49	36.30%
Unemployed, not seeking employment	3	2.22%
Continuing as a full-time student after graduation	14	10.37%
Continuing as a part-time student after graduation	4	2.96%
Volunteer	3	2.23%

To what extent is your employment related to your major or area of study at UHCL if employed, self-employed, or volunteering?

Employment Relevance
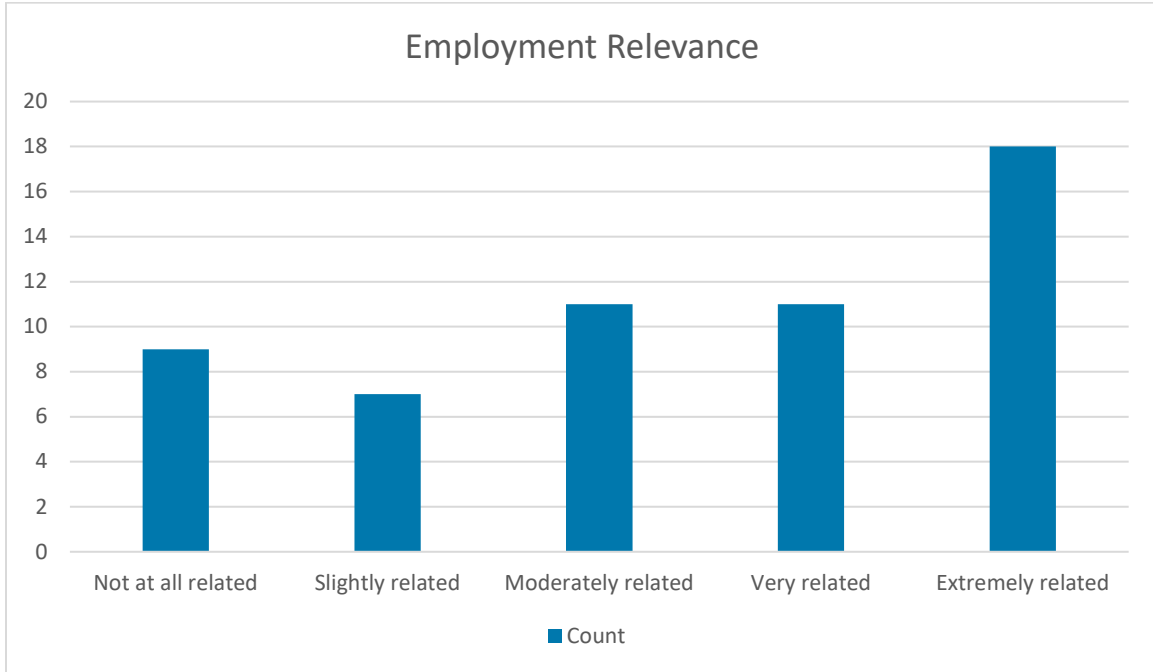
Response	Count	Percentage
Not at all related	9	6.72%
Slightly related	7	5.22%
Moderately related	11	8.21%
Very related	11	8.21%
Extremely related	18	13.43%
No Response/Blank	79	58.21%

If employed, self-employed, or volunteering, how useful is what you learned at UHCL in your daily work at your place of employment?

Workplace Utility Assessment
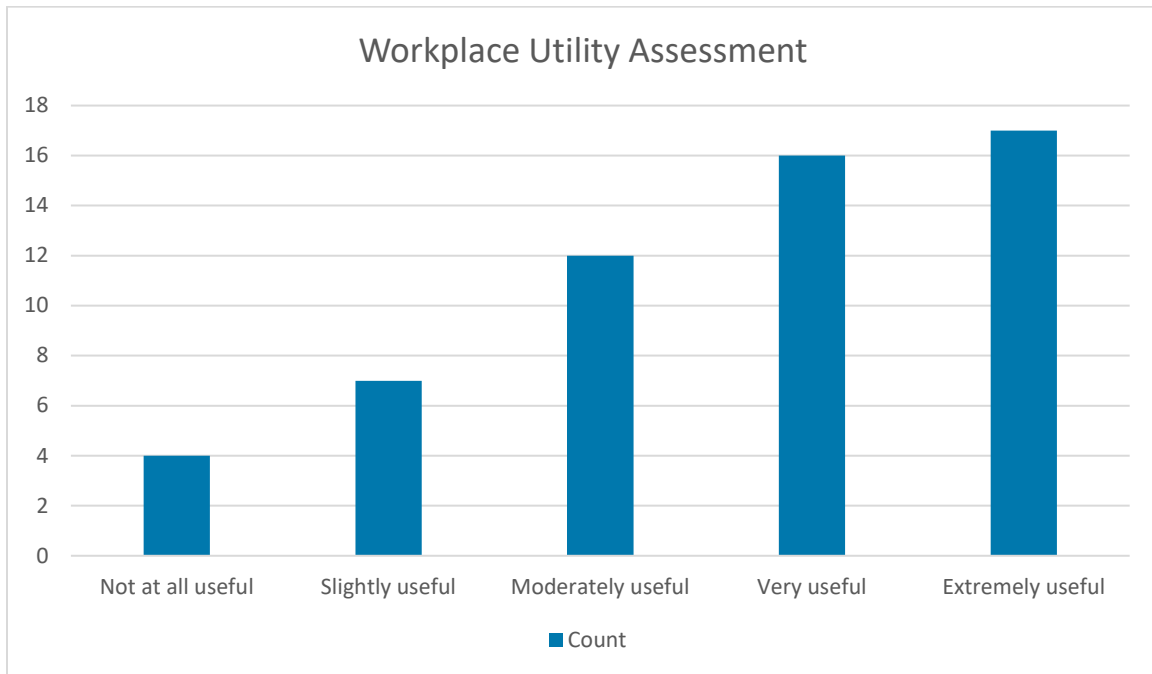
Response	Count	Percentage
Not at all useful	4	2.99%
Slightly useful	7	5.22%
Moderately useful	12	8.96%
Very useful	16	11.94%
Extremely useful	17	12.69%
No Response/Blank	79	58.20%

If employed, how did you find your position?

Employment Source
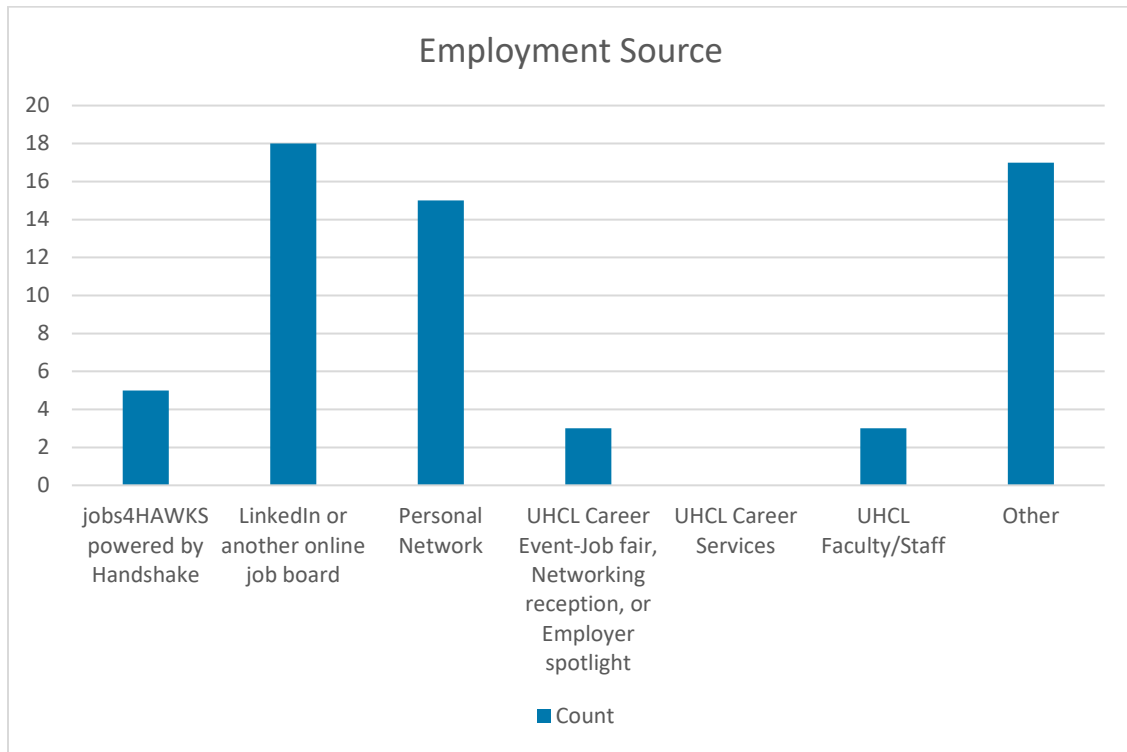
Response	Count	Percentage
jobs4HAWKS powered by Handshake	5	3.71%
LinkedIn or another online job board	18	13.33%
Personal Network	15	11.11%
UHCL Career Event-Job fair, Networking reception, or Employer spotlight	3	2.22%
UHCL Career Services	0	0.00%
UHCL Faculty/Staff	3	2.22%
Other	17	12.61%

## If you're continuing as a full-time or part-time student, what is the highest degree you plan to earn?

Highest Degree Plan
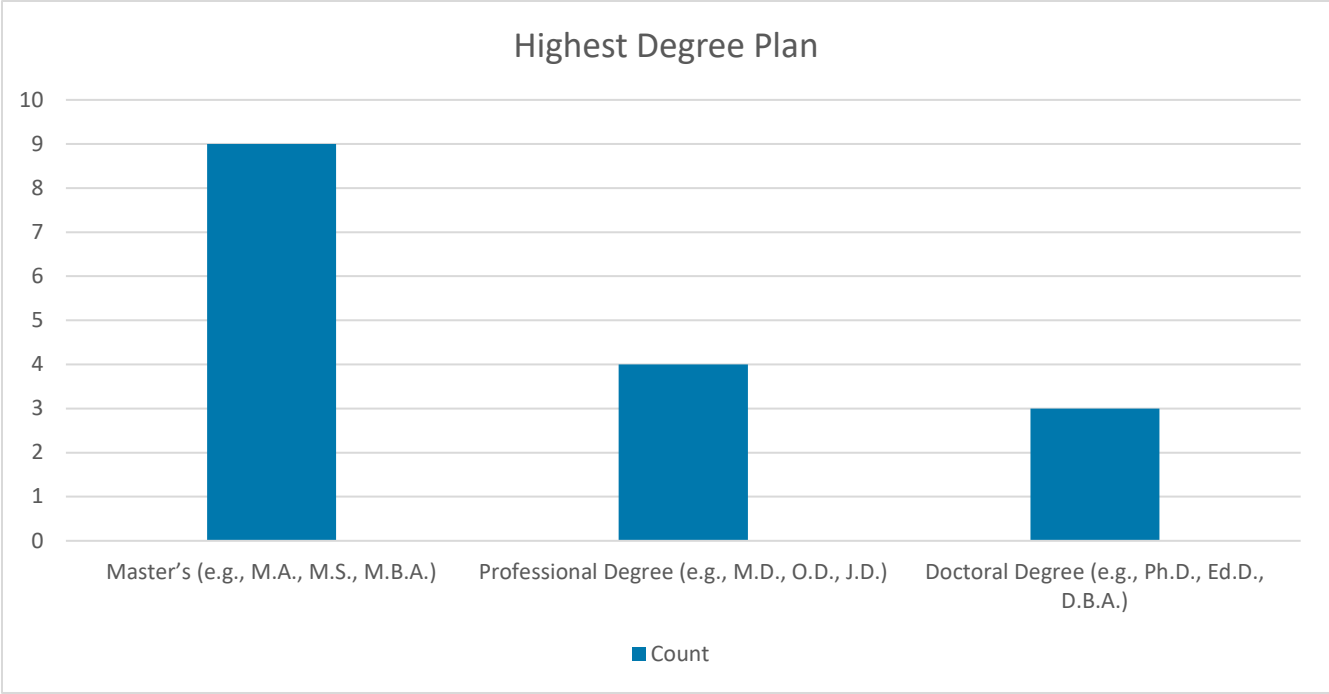
Response	Count	Percentage
Master's (e.g., M.A., M.S., M.B.A.)	9	6.71%
Professional Degree (e.g., M.D., O.D., J.D.)	4	2.99%
Doctoral Degree (e.g., Ph.D., Ed.D., D.B.A.)	3	2.24%
No Response/Blank	119	88.06%

**Were you primarily a full-time or part-time student while at UHCL?**

Student Status Inquiry
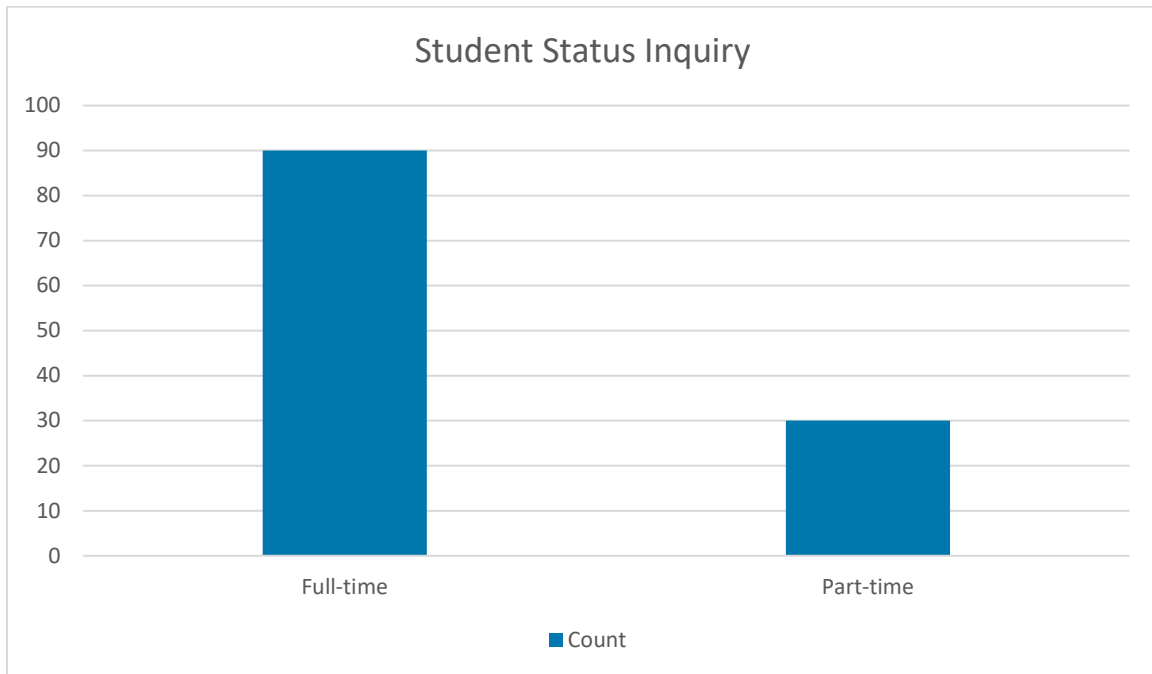
Response	Count	Percentage
Full-time	90	66.42%
Part-time	30	22.39%
No Response/Blank	15	11.19%

**Did you start your undergraduate education at UHCL, or did you transfer from another institution?**

Academic Background
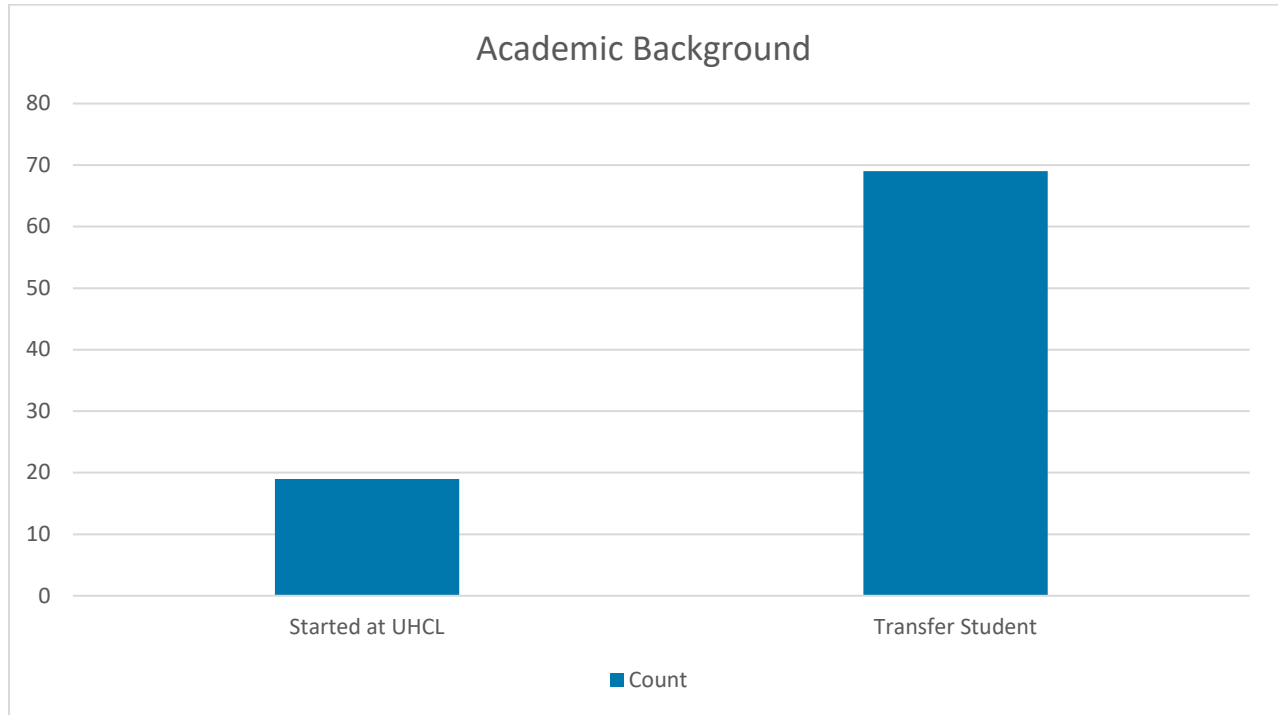
Response	Count	Percentage
Started at UHCL	19	14.18%
Transfer Student	69	51.49%
No Response/Blank	47	34.33%

Are you a parent or primary caregiver for someone in your family?

Family Caregiver Status
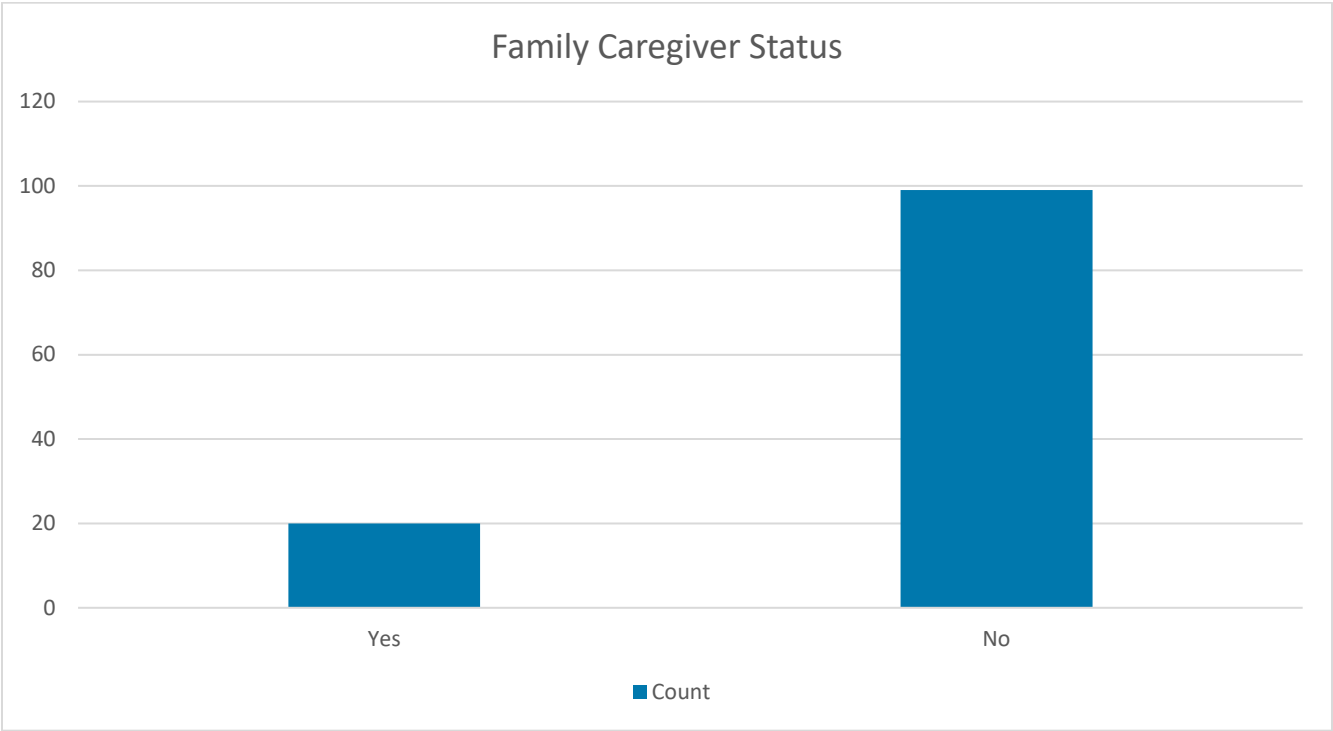
Response	Count	Percentage
Yes	20	14.93%
No	99	73.88%
No response/Blank	16	11.19%

Are you a first-generation student?

First-Generation Student Status
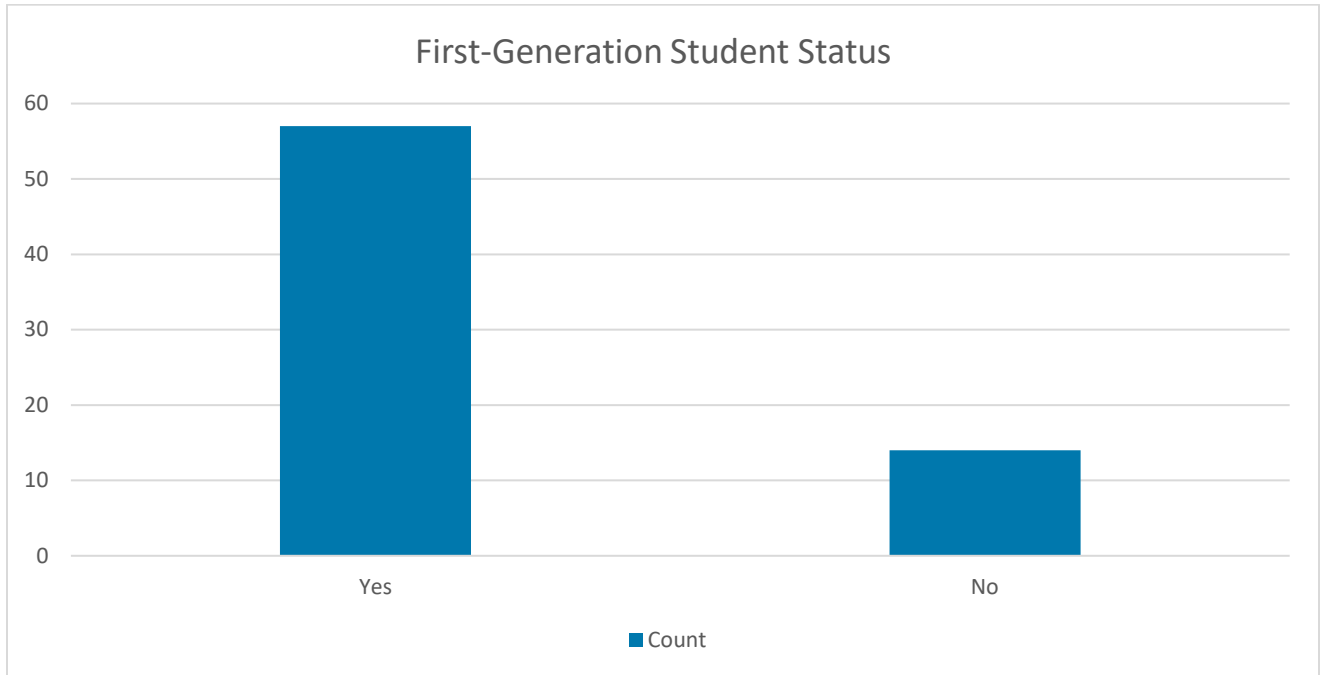
Response	Count	Percentage
Yes	57	42.54%
No	63	47.01%
No Response/Blank	15	10.45%

End of Report