



# University of Michigan Asks You (UMAY) Summary Report

University of Michigan - 2019

# 2019 UMay Summary Report • University of Michigan

## Summary Report Notes & Definitions

### Purpose

This University of Michigan Ask You (UMAY) Summary Report serves as a snapshot of the University of Michigan’s 2019 data collected as the institution's participation in the Student Experience in the Research University (SERU) national survey. This is a standalone report of data intended as a preview of full results. Requests for additional analyses or more detailed reports should be directed to the Office of Budget and Planning <[obpcontact@umich.edu](mailto:obpcontact@umich.edu)>, the U-M office that coordinates the UMay/SERU survey.

### What SERU items are included in this Summary Report?

This UMay Summary Report contains response frequencies and means (where applicable) for items in the core section of the 2019 SERU survey related to academics, time use, and satisfaction. It *does not* include data from open-ended items. See Appendix A for a list of questions included in this report.

In addition, open-ended text responses associated with “other” categories have been omitted. Students who select an “other” option (typically included in select all or multiple choice survey questions) have the opportunity to add an open-ended text description of the “other” selection.

### Where do the data come from?

Data in the UMay Summary Report are drawn from all 2019 SERU surveys from the University of Michigan where the student agreed to the informed consent statement. Duplicate surveys (students who completed the survey more than once) and null surveys (in which students consented to take the survey but did not answer any items) have been removed from the data set used to prepare this report.

This report *does include* partially completed surveys. Since the UMay Summary Report includes completed and partially completed survey data, not all questions will have the same response total (the total *n* will not match across all tables). This happens for a variety of reasons. Most often, students simply choose not to respond to all questions. In other cases, students may leave the survey and do not return to complete it. Rounding error may also cause totals not to sum to 100%.

## Survey Details

Data Collection Method	Online Survey
Survey Launch Date	Friday, April 5, 2019
Survey Close Date	Friday, June 28, 2019
Total Number Invited	28,801
Total Completed Surveys	6,630
Response Rate	23.02%

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For questions, please contact the Office of Budget and Planning <[obpcontact@umich.edu](mailto:obpcontact@umich.edu)>.

# UMAY 2019: Academic Engagement

## 1. During this academic year, how often have you done each of the following?

#	Question	Never (1)	Rarely (2)	Occasionally (3)	Somewhat often (4)	Often (5)	Very often (6)	Total Responses
1	Contributed to a class discussion	1%	8%	20%	21%	30%	20%	6250
2	Brought up ideas or concepts from different courses during class discussions	4%	16%	26%	23%	21%	11%	6242
3	Asked an insightful question in class	4%	17%	28%	22%	20%	10%	6194
4	Found your courses so interesting that you did more work than was required	9%	26%	30%	19%	12%	6%	6228
5	Communicated with the instructor outside of class about issue and concepts derived from a course	7%	20%	29%	19%	17%	9%	6056
6	Made a class presentation	8%	16%	29%	21%	17%	10%	6049
7	Had a class in which the professor knew or learned your name	3%	9%	20%	19%	24%	25%	6053

Statistic	Contributed to a class discussion	Brought up ideas or concepts from different courses during class discussions	Asked an insightful question in class	Found your courses so interesting that you did more work than was required	Communicated with the instructor outside of class about issues/concepts derived from a course	Made a class presentation	Had a class in which the professor knew or learned your name
Mean	4.32	3.70	3.74	3.16	3.45	3.52	4.27
Standard Deviation	1.27	1.34	1.35	1.32	1.38	1.40	1.40

## 2. How frequently have you engaged in these activities so far this academic year?

#	Question	Never (1)	One time (2)	Two times (3)	Three or more times (4)	Total responses
1	Taken a small research-oriented seminar with faculty	71%	19%	7%	4%	5939
2	Chosen challenging courses	2%	12%	31%	55%	5921
3	Worked with a faculty member on an activity other than coursework (e.g., student organization, campus committee, cultural activity)	53%	24%	11%	12%	5940

Statistic	Taken a small research-oriented seminar with faculty	Chosen challenging courses	Worked with a faculty member on an activity other than coursework
Mean	1.44	3.39	1.82
Standard Deviation	0.78	0.78	1.04

### 3. How frequently during this academic year have you done each of the following?

#	Question	Never (1)	Rarely (2)	Occasionally (3)	Somewhat often (4)	Often (5)	Very often (6)	Total Responses
1	Turned in a course assignment late	41%	41%	12%	4%	2%	1%	5861
2	Gone to class unprepared	13%	42%	31%	8%	4%	2%	5854
3	Skipped class	13%	41%	28%	10%	5%	3%	5818
4	Increased your academic effort due to the high standards of a faculty member	5%	10%	25%	27%	26%	8%	5839
5	Substantially revised a paper before submitting it to be graded	6%	12%	22%	21%	24%	17%	5848
6	Sought academic help from instructor or tutor when needed	9%	19%	29%	17%	16%	9%	5780
7	Studied with a group of classmates outside of class	7%	16%	24%	19%	19%	14%	5773
8	Worked on class projects with classmates outside of class	5%	10%	24%	22%	22%	17%	5747
9	Helped a classmate better understand the course material when studying together	5%	11%	29%	22%	22%	12%	5776

Statistic	Turned in Assignment Late	Gone to Class Unprepared	Skipped Class	Increased Academic Effort due to Faculty High Standards	Substantially Revised Paper Before Submitting	Sought Academic Help	Group Study Outside Class	Worked with Classmates Outside of Class	Helped Classmate When Studying Together
Mean	1.88	2.53	2.61	3.84	3.95	3.39	3.68	3.98	3.80
Standard Deviation	0.98	1.05	1.16	1.27	1.44	1.43	1.49	1.41	1.34

### 4. On average, how much of your assigned course reading have you completed this academic year?

#	Answer	Response	%
1	0-10%	242	4%
2	11-20%	278	5%
3	21-30%	385	7%
4	31-40%	391	7%
5	41-50%	473	8%
6	51-60%	618	11%
7	61-70%	697	12%
8	71-80%	1055	18%
9	81-90%	823	14%
10	91-100%	789	14%
Total		5751	100%

Statistic	Value
Mean	6.64
Standard Deviation	2.60

# UMAY 2019: Student Use of Time

## 5. During this academic year, how many hours do you spend in a typical week (7 days) on the following activities?

#	Question	0	1-5	6-10	11-15	16-20	21-25	26-30	More than 30	Total Responses
1	Attending classes, discussion sections, or labs	0%	4%	11%	32%	36%	11%	4%	3%	5584
2	Studying and other academic activities outside of class	1%	8%	21%	24%	21%	12%	7%	7%	5554
3	Attending cultural events, movies, concerts, sports, or other entertainment with others	13%	61%	17%	5%	2%	1%	1%	0%	5565
4	Performing community service or volunteer activities	47%	40%	7%	3%	1%	1%	1%	0%	5566
5	Participating in physical exercise, recreational sports, or physically active hobbies	16%	46%	24%	7%	3%	2%	1%	1%	5574
6	Participating in spiritual or religious activities	67%	25%	4%	2%	1%	1%	0%	0%	5568
7	Participating in student clubs or organizations	19%	44%	20%	9%	4%	2%	1%	1%	5548
8	Socializing with friends	3%	29%	33%	18%	10%	4%	2%	3%	5536
9	Partying	39%	42%	13%	4%	1%	1%	0%	0%	5526
10	Spending time with family	52%	34%	7%	3%	2%	1%	0%	1%	5496
11	Spending time on entertainment from television, internet, and other media	2%	26%	33%	20%	10%	5%	2%	4%	5539

Statistic	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11
Mean	4.58	4.57	2.30	1.76	2.48	1.49	2.49	3.33	1.93	1.76	3.51
Standard Deviation	1.23	1.65	1.02	1.03	1.26	0.96	1.35	1.44	1.05	1.16	1.52

## 6. During this academic year, what was the average number of hours per night you slept on weeknights?

#	Answer	Response	%
1	4 or less	166	3%
2	5	626	11%
3	6	1595	29%
4	7	2031	37%
5	8	980	18%
6	9 or more	136	3%
Total		5534	100%

## 7. Have you completed or are you now participating in the following activities at U-M?

#	Question	Yes, doing now or have done	No	Total Responses
1	First-year seminar	43%	57%	5502
2	Learning community (taking two or more linked classes with the same cohort of students)	23%	77%	5492
3	Living-learning program(s) (where students with common interests live together and share learning experiences in and out of the classroom)	19%	81%	5492
4	Writing-intensive/enriched course(s)	54%	46%	5475
5	Academic experiences with a diversity (e.g., race, gender, sexual orientation, etc.) focus	58%	42%	5497
6	Capstone or thesis project(s)	17%	83%	5472
7	Academic service learning or community-based learning experience	24%	76%	5467
8	Credit bearing internship, practicum, or field experience	27%	73%	5460
9	Non-credit bearing internship, practicum, or field experience	35%	66%	5478
10	Honors program	13%	87%	5466
11	Leadership program	20%	80%	5463
12	Entrepreneurial program	8%	92%	5453
13	On campus academic experiences with an international/global focus	17%	83%	5451
14	Study abroad - academically-focused time outside of the U.S. in which at least 1 academic credit is accrued	20%	80%	5455



# UMAY 2019: Research & Creative Scholarly Experience

**8. Indicate the following scholarship, research, and creative activities that you are currently doing or have completed as a U-M student.**

#	Question	Yes, doing now or have done	No	Total Responses
1	A research project or research paper as part of your coursework	70%	30%	5444
2	At least one research methods course	39%	61%	5438
3	At least one independent study course	18%	82%	5435
4	Assist faculty in conducting research	36%	64%	5434
5	A creative project as part of your coursework	62%	38%	5405
6	Assist faculty with their creative project	10%	90%	5389
7	Conduct own research or creative project outside of your regular coursework <u>under</u> the guidance or supervision of a faculty member	19%	81%	5405
8	Conduct own research or creative project outside of your regular coursework <u>without</u> the guidance or supervision of a faculty member	19%	81%	5391

**9. [If “Assisting faculty in conducting research” was selected in Q8] You indicated that you are assisting or have assisted faculty with research. Which of the following best describes the nature of that assistance? (Please select all that apply based on the variety of experiences are having or have had)**

#	Question	Response
1	As a research participant	639
2	As a research assistant	1751
3	Other, please specify	59

**10. [If “Assisting faculty in conducting research” was selected in Q8] Was your assistance with research for... (Please select all that apply based on the variety of experiences you are having or have had)**

#	Question	Response
1	Course credit without pay	1063
2	Pay without course credit	749
3	Pay with course credit	263
4	Volunteer without pay or course credit	536

**11. [If “Assisting faculty with their creative project” was selected in Q8] Was your assistance with the creative project for... (Please select all that apply based on the variety of experiences are having or have had)**

#	Question	Response
1	Course credit without pay	267
2	Pay without course credit	114
3	Pay with course credit	51
4	Volunteer without pay or course credit	214

**12. [If 7 or 8 was selected in Q8] If you communicated or shared the results of your research or creative project, please indicate how you did this (Please select all that apply).**

#	Question	Response
1	Through presenting/exhibiting/performing it on campus	872
2	Through presenting/exhibiting/performing it outside of campus, such as at regional, national and/or international conference or competition	242
3	Through publishing in a peer-reviewed professional journal	139
4	Through publishing in a campus or student journal	116
5	Through publishing in an electronic forum or other public arena	246
6	Other ways; please specify	150

**13. This academic year, how often have you done each of the following?**

#	Question	Never (1)	Rarely (2)	Occasionally (3)	Somewhat often (4)	Often (5)	Very often (6)	Total Responses
<b>Appreciate the world from someone else's perspective</b>								
1	In the classroom	3%	9%	24%	23%	28%	13%	5313
2	Outside the classroom	2%	6%	20%	23%	31%	19%	5310
<b>Interact with someone with views that are different from your own</b>								
3	In the classroom	2%	7%	22%	24%	27%	17%	5308
4	Outside the classroom	1%	6%	19%	25%	30%	20%	5285
<b>Discuss and navigate controversial issues</b>								
5	In the classroom	5%	18%	23%	22%	21%	11%	5307
6	Outside the classroom	2%	9%	22%	25%	25%	16%	5297

Statistic	Appreciate... in the classroom	Appreciate... outside the classroom	Interact... in the classroom	Interact... outside the classroom	Discuss... in the classroom	Discuss... outside the classroom
Mean	4.03	4.33	4.19	4.38	3.70	4.11
Standard Deviation	1.29	1.23	1.26	1.20	1.41	1.29



# UMAY 2019: Campus Climate

## 14. Please indicate how strongly you agree or disagree with the following statements in terms of yourself.

#	Question	Strongly disagree (1)	Disagree (2)	Somewhat disagree (3)	Somewhat agree (4)	Agree (5)	Strongly agree (6)	Total Responses
1	Students of my race/ethnicity are respected on this campus	2%	4%	7%	18%	38%	32%	5279
2	Students of my socioeconomic status are respected on this campus	3%	6%	11%	20%	36%	24%	5274
3	Students of my gender are respected on this campus	1%	3%	8%	25%	42%	22%	5273
4	Students of my religious beliefs are respected on this campus	2%	3%	7%	21%	45%	23%	5239
5	Students of my political beliefs are respected on this campus	5%	5%	7%	16%	39%	28%	5256
6	Students of my sexual orientation are respected on this campus	1%	2%	3%	12%	40%	43%	5270
7	Students of my immigration background are respected on this campus	2%	4%	7%	17%	38%	32%	2852
8	Students with a disability or condition like mine are respected on this campus	3%	6%	8%	21%	37%	25%	2292

Statistic	Race/ethnicity	Socioeconomic status	Gender	Religious beliefs	Political beliefs	Sexual orientation	Immigration background	Disability/condition
Mean	4.83	4.52	4.70	4.71	4.63	5.20	4.79	4.56
Standard Deviation	1.15	1.29	1.04	1.09	1.35	0.94	1.21	1.29

## 15. Please select your level of agreement or disagreement with the following statements.

#	Question	Strongly disagree (1)	Disagree (2)	Somewhat disagree (3)	Somewhat agree (4)	Agree (5)	Strongly agree (6)	Total Responses
1	Overall, I feel comfortable with the climate for diversity and inclusiveness at the University of Michigan.	3%	7%	12%	28%	38%	13%	5243
2	Overall, I feel comfortable with the campus climate for diversity and inclusion in my major [if major selection indicated]	3%	7%	12%	23%	39%	16%	3370
3	Overall, I feel comfortable with the campus climate for diversity and inclusion in my classes.	3%	5%	10%	24%	42%	17%	5234
4	The University of Michigan is a safe and secure campus.	1%	3%	7%	26%	45%	18%	5243
5	The University of Michigan is a welcoming campus.	2%	3%	8%	25%	43%	19%	5234

Statistic	Comfortable with climate for diversity and inclusiveness at U-M	Comfortable with climate for diversity and inclusion in major	Comfortable with climate for diversity and inclusion in classes	U-M is a safe and secure campus	U-M is a welcoming campus
Mean	4.29	4.35	4.48	4.65	4.62
Standard Deviation	1.22	1.27	1.17	1.01	1.08

# UMAY 2019: Evaluation of the Primary Major

## 16. Were the following factors very important to you in deciding on your major?

	Question	Yes	No	Total Responses
1	Intellectual curiosity	94%	6%	3347
2	Leads to a high paying job	60%	40%	3338
3	Prepares me for a fulfilling career	92%	8%	3342
4	Parental/family desires	27%	73%	3329
5	Prestige	46%	54%	3318
6	Could not get into my first choice of major	8%	92%	3289
7	Prepares me for graduate/professional school	59%	41%	3316
8	Other, please elaborate	17%	83%	1337

## 17. Thinking back over your coursework in your major this academic year, how often were you required to do the following?

#	Question	Never (1)	Rarely (2)	Occasionally (3)	Somewhat often (4)	Often (5)	Very often (6)	Total Responses
1	Recognize or recall specific facts, terms, and concepts	1%	4%	11%	15%	32%	38%	3298
2	Explain methods, ideas, or concepts and use them to solve problems	1%	2%	7%	15%	34%	40%	3280
3	Break down course material into component parts to see the basis for different outcomes and conclusions	1%	5%	11%	19%	35%	30%	3286
4	Judge the value or information, ideas, actions, and conclusions based on the soundness of sources, methods, and reasoning	2%	7%	13%	18%	32%	28%	3284
5	Create or generate new ideas, products, or ways of understanding	3%	9%	16%	19%	28%	25%	3291

Statistic	Recognize or recall specific facts, terms, and concepts	Explain methods, ideas, or concepts and use them to solve problems	Break down course material into component parts to see the basis...	Judge the value or information, ideas, actions, and conclusions...	Create or generate new ideas, products, or ways of understanding
Mean	4.89	5.01	4.70	4.52	4.35
Standard Deviation	1.16	1.07	1.20	1.34	1.38

**18. Thinking back over your coursework in your major this academic year, how often did you do each of the following?**

#	Question	Never (1)	Rarely (2)	Occasionally (3)	Somewhat often (4)	Often (5)	Very often (6)	Total Responses
1	Used facts and examples to support your viewpoint	2%	6%	10%	16%	34%	33%	3269
2	Incorporated ideas or concepts from different courses when completing assignments	1%	5%	14%	21%	33%	27%	3262
3	Examined how others gathered and interpreted data and assessed the soundness of their conclusions	4%	11%	17%	22%	27%	20%	3262
4	Reconsidered your own position on a topic after assessing the arguments of others	4%	11%	19%	22%	27%	17%	3265

Statistic	Used facts and examples to support your viewpoint	Incorporated ideas or concepts from different courses when completing assignments	Examined how others gathered and interpreted data and assessed the soundness of their conclusions	Reconsidered your own position on a topic after assessing the arguments of others
Mean	4.73	4.59	4.17	4.06
Standard Deviation	1.27	1.22	1.40	1.40

**19. Please answer the following questions about your major.**

	Question	Yes	No	Total Responses
1	Do you understand how the requirements of your major combine to produce a coherent understanding of a field of study?	93%	7%	3267
2	Are the program requirements well defined?	93%	7%	3269
3	Are department rules and policies clearly communicated?	88%	12%	3265
4	Is the description of the major in the catalog accurate?	94%	6%	3256

**20. How often have you experienced the following?**

#	Question	Never (1)	Rarely (2)	Occasionally (3)	Somewhat often (4)	Often (5)	Very often (6)	Total Responses
1	Open channels of communication between faculty and students regarding student needs, concerns, and suggestions	2%	7%	16%	21%	35%	20%	3246
2	Students treated equitably and fairly by the faculty	1%	2%	7%	16%	45%	30%	3240
3	Clear explanation of what constitutes plagiarism	1%	4%	8%	14%	37%	36%	3236
4	Faculty providing prompt and useful feedback on student work	1%	4%	15%	27%	36%	18%	3245
5	Faculty maintaining respectful interactions in classes	0%	1%	4%	11%	44%	40%	3244
6	Opportunities for active participation in lecture and discussion classes	0%	2%	8%	18%	39%	33%	3240
7	An instructor who increases your enthusiasm for subject	1%	5%	14%	21%	33%	26%	3240

Statistic	Open channels of communication between faculty and students...	Students treated equitably and fairly by the faculty	Clear explanation of what constitutes plagiarism	Faculty providing prompt and useful feedback...	Faculty maintaining respectful interactions in classes	Opportunities for active participation in lecture...	An instructor who increases...
Mean	4.39	4.92	4.87	4.45	5.18	4.91	4.59
Standard Deviation	1.25	1.00	1.18	1.11	0.86	1.03	1.20

## 21. How satisfied or dissatisfied are you with each of the following aspects of your educational experience in the major?

#	Question	Very dissatisfied (1)	Dissatisfied (2)	Somewhat dissatisfied (3)	Somewhat satisfied (4)	Satisfied (5)	Very satisfied (6)	Total Responses
1	Variety of courses available in your major	3%	5%	11%	21%	36%	24%	3217
2	Quality of lower-division courses in your major	2%	7%	12%	25%	38%	17%	3130
3	Quality of upper-division courses in your major	2%	4%	7%	21%	42%	25%	2927
4	Communication between students and the department	3%	5%	10%	25%	36%	20%	3194






Statistic	Variety of courses available in your major	Quality of lower-division courses in your major	Quality of upper-division courses in your major	Communication between students and the department
Mean	4.54	4.40	4.72	4.47
Standard Deviation	1.26	1.21	1.12	1.25

## 22. [All students regardless of major declaration] How satisfied are you with each of the following aspects of your educational experience overall?

#	Question	Very dissatisfied (1)	Dissatisfied (2)	Somewhat dissatisfied (3)	Somewhat satisfied (4)	Satisfied (5)	Very satisfied (6)	Total Responses
1	Academic advising by faculty	2%	5%	9%	27%	41%	16%	5033
2	Academic advising by school or college staff	3%	6%	10%	26%	39%	17%	5018
3	Academic advising by departmental staff	2%	5%	9%	25%	41%	18%	4998
4	Quality of faculty instruction	1%	2%	5%	22%	50%	20%	5019
5	Quality of teaching by graduate students (TAs, AIs)	2%	4%	10%	28%	40%	17%	5014
6	Availability of courses for general education or breadth requirements	2%	4%	9%	25%	45%	16%	5010
7	Availability of courses needed for graduation	2%	4%	10%	22%	45%	17%	5008
8	Access to small classes	3%	7%	15%	27%	35%	14%	5003
9	Access to faculty outside of class	1%	3%	8%	27%	44%	17%	4999
10	Ability to get into a major that you want	2%	2%	4%	14%	45%	32%	4999
11	Opportunities for research experience or to produce creative products	2%	6%	13%	31%	34%	14%	4985
12	Educational enrichment programs (e.g., service-learning, study abroad, internships)	2%	5%	11%	30%	37%	15%	4979
13	Availability of library research resources	1%	1%	4%	23%	45%	26%	4966

Statistic	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13
Mean	4.48	4.41	4.52	4.77	4.51	4.53	4.53	4.24	4.61	4.95	4.31	4.41	4.90
Standard Deviation	1.15	1.22	1.16	0.97	1.10	1.10	1.14	1.25	1.02	1.08	1.17	1.14	0.92

**23. [All students regardless of major declaration] How many professors do you know well enough to ask for a letter of recommendation in support of an application for a job or for graduate or professional school?**

#	Answer		Response	%
1	Zero		1122	22%
2	1		1440	29%
3	2		1386	28%
4	3		653	13%
5	4 or more		422	8%
Total			5023	100%

# UMAY 2019: Evaluation of the Educational Experience (for students without a declared major)

## 24. Thinking back over your coursework this academic year, how often were you required to do the following?

#	Question	Never (1)	Rarely (2)	Occasionally (3)	Somewhat often (4)	Often (5)	Very often (6)	Total Responses
1	Recognize or recall specific facts, terms, and concepts	1%	1%	8%	16%	37%	38%	1855
2	Explain methods, ideas, or concepts and use them to solve problems	0%	1%	7%	17%	40%	35%	1843
3	Break down course material into component parts to see the basis for different outcomes and conclusions	1%	4%	13%	23%	35%	24%	1849
4	Judge the value or information, ideas, actions, and conclusions based on the soundness of sources, methods, and reasoning	2%	8%	16%	24%	32%	19%	1847
5	Create or generate new ideas, products, or ways of understanding	3%	10%	20%	23%	29%	16%	1851

Statistic	Recognize or recall specific facts, terms, and concepts	Explain methods, ideas, or concepts and use them to solve problems	Break down course material into component parts to see the basis...	Judge the value or information, ideas, actions, and conclusions...	Create or generate new ideas, products, or ways of understanding
Mean	5.02	4.98	4.57	4.33	4.14
Standard Deviation	1.01	0.98	1.18	1.26	1.32

## 25. Thinking back over all of your coursework this academic year, how often did you do each of the following?

#	Question	Never (1)	Rarely (2)	Occasionally (3)	Somewhat often (4)	Often (5)	Very often (6)	Total Responses
1	Used facts and examples to support your viewpoint	0%	1%	9%	17%	40%	33%	1834
2	Incorporated ideas or concepts from different courses when completing assignments	1%	9%	20%	24%	30%	16%	1830
3	Examined how others gathered and interpreted data and assessed the soundness of their conclusions	3%	10%	22%	24%	29%	12%	1833
4	Reconsidered your own position on a topic after assessing the arguments of others	2%	8%	20%	27%	30%	14%	1827

Statistic	Used facts and examples to support your viewpoint	Incorporated ideas or concepts from different courses when completing assignments	Examined how others gathered and interpreted data and assessed the soundness of their conclusions	Reconsidered your own position on a topic after assessing the arguments of others
Mean	4.95	4.22	4.03	4.17
Standard Deviation	1.00	1.24	1.28	1.22



## 26. How often have you experienced the following?

#	Question	Never (1)	Rarely (2)	Occasionally (3)	Somewhat often (4)	Often (5)	Very often (6)	Total Responses
1	Open channels of communication between faculty and students regarding student needs, concerns, and suggestions	3%	10%	20%	24%	30%	13%	1823
2	Students treated equitably and fairly by the faculty	0%	1%	9%	18%	48%	23%	1823
3	Clear explanation of what constitutes plagiarism	2%	4%	11%	17%	36%	30%	1820
4	Faculty providing prompt and useful feedback on student work	0%	4%	19%	29%	35%	13%	1821
5	Faculty maintaining respectful interactions in classes	0%	1%	5%	12%	46%	36%	1822
6	Opportunities for active participation in lecture and discussion classes	0%	2%	10%	20%	42%	26%	1820
7	An instructor who increases your enthusiasm for subject	1%	5%	16%	25%	35%	18%	1819

Statistic	Open channels of communication between faculty and students...	Students treated equitably and fairly by the faculty	Clear explanation of what constitutes plagiarism	Faculty providing prompt and useful feedback...	Faculty maintaining respectful interactions in classes	Opportunities for active participation in lecture...	An instructor who increases...
Mean	4.07	4.83	4.72	4.35	5.12	4.79	4.42
Standard Deviation	1.28	0.94	1.21	1.05	0.86	1.01	1.15

# UMAY 2019: Evaluation of the Second Major

## 27. Were the following factors very important to you in deciding on your second major?

	Question	Yes	No	Total Responses
1	Intellectual curiosity	97%	3%	79
2	Leads to a high paying job	32%	68%	78
3	Prepares me for a fulfilling career	85%	15%	79
4	Parental/family desires	18%	82%	77
5	Prestige	29%	71%	78
6	Could not get into my first choice of major	6%	94%	78
7	Prepares me for graduate/professional school	63%	37%	79
8	Other, please elaborate	33%	67%	33

## 28. Thinking back over your coursework in your major this academic year, how often were you required to do the following?

#	Question	Never (1)	Rarely (2)	Occasionally (3)	Somewhat often (4)	Often (5)	Very often (6)	Total Responses
1	Recognize or recall specific facts, terms, and concepts	3%	6%	6%	13%	31%	41%	78
2	Explain methods, ideas, or concepts and use them to solve problems	0%	6%	5%	18%	31%	40%	78
3	Break down course material into component parts to see the basis for different outcomes and conclusions	3%	5%	7%	14%	29%	43%	77
4	Judge the value or information, ideas, actions, and conclusions based on the soundness of sources, methods, and reasoning	4%	4%	10%	12%	29%	42%	77
5	Create or generate new ideas, products, or ways of understanding	4%	9%	9%	15%	27%	36%	78

Statistic	Recognize or recall specific facts, terms, and concepts	Explain methods, ideas, or concepts and use them to solve problems	Break down course material into component parts to see the basis...	Judge the value or information, ideas, actions, and conclusions...	Create or generate new ideas, products, or ways of understanding
Mean	4.86	4.92	4.90	4.82	4.60
Standard Deviation	1.34	1.17	1.31	1.38	1.47

**29. Thinking back over your coursework in your major this academic year, how often did you do each of the following?**

#	Question	Never (1)	Rarely (2)	Occasionally (3)	Somewhat often (4)	Often (5)	Very often (6)	Total Responses
1	Used facts and examples to support your viewpoint	1%	5%	7%	10%	36%	40%	77
2	Incorporated ideas or concepts from different courses when completing assignments	1%	3%	10%	14%	29%	43%	77
3	Examined how others gathered and interpreted data and assessed the soundness of their conclusions	7%	12%	4%	13%	26%	39%	77
4	Reconsidered your own position on a topic after assessing the arguments of others	7%	16%	8%	14%	33%	23%	77

Statistic	Used facts and examples to support your viewpoint	Incorporated ideas or concepts from different courses when completing assignments	Examined how others gathered and interpreted data and assessed the soundness of their conclusions	Reconsidered your own position on a topic after assessing the arguments of others
Mean	4.96	4.95	4.57	4.21
Standard Deviation	1.21	1.20	1.62	1.59

**30. Please answer the following questions about your second major.**

	Question	Yes	No	Total Responses
1	Do you understand how the requirements of your (second) major combine to produce a coherent understanding of a field of study?	91%	9%	78
2	Are the program requirements well defined?	94%	6%	78
3	Are department rules and policies clearly communicated?	92%	8%	78
4	Is the description of the (second) major in the catalog accurate?	96%	4%	77

**31. Please answer the following questions about your experience in the second major. How often have you experienced the following?**

#	Question	Never (1)	Rarely (2)	Occasionally (3)	Somewhat often (4)	Often (5)	Very often (6)	Total Responses
1	Open channels of communication between faculty and students regarding student needs, concerns, and suggestions	1%	5%	7%	13%	44%	30%	77
2	Students treated equitably and fairly by the faculty	1%	4%	8%	5%	33%	49%	77
3	Faculty clearly explaining what constitutes plagiarism and its consequences	1%	3%	3%	10%	31%	52%	77
4	Faculty providing prompt and useful feedback on student work	1%	5%	9%	18%	38%	29%	77

Statistic	Open channels of communication between faculty and students regarding student needs, concerns, and suggestions	Students treated equitably and fairly by the faculty	Faculty clearly explaining what constitutes plagiarism and its consequences	Faculty providing prompt and useful feedback on student work
Mean	4.83	5.12	5.23	4.71
Standard Deviation	1.16	1.19	1.06	1.20

### 32. How satisfied or dissatisfied are you with each of the following aspects of your educational experience in your second major?

#	Question	Very dissatisfied (1)	Dissatisfied (2)	Somewhat dissatisfied (3)	Somewhat satisfied (4)	Satisfied (5)	Very satisfied (6)	Total Responses
1	Variety of courses available in your (second) major	4%	5%	6%	10%	41%	33%	78
2	Quality of lower-division courses in your (second) major	1%	12%	11%	15%	29%	32%	75
3	Quality of upper-division courses in your (second) major	0%	8%	4%	12%	25%	52%	77
4	Communication between students and the department	4%	5%	8%	9%	27%	47%	77

Statistic	Variety of courses available in your (second) major	Quality of lower-division courses in your (second) major	Quality of upper-division courses in your (second) major	Communication between students and the department
Mean	4.79	4.55	5.09	4.91
Standard Deviation	1.32	1.42	1.23	1.41

# UMAY 2019: Co-Curricular Experience

## 33. While a student at U-M, have you been involved or are you currently involved in a student organization(s)?

	Question	Yes	No	Total Responses
1	While a student at U-M, have you been involved or are you currently involved in a student organization(s)?	82%	18%	5018

## 34. [If answered "Yes" to Q33] Are you or have you been an officer of a student organization?

	Question	Yes	No	Total Responses
1	Are you or have you been an officer of a student organization?	49%	51%	4116

## 35. [If answered "Yes" to Q33] During the current academic year, how often have you done the following activities in a student club or organization of which you are a member?

#	Question	Never (1)	1-2 times (2)	3-5 times (3)	More than 5 times (4)	Total responses
1	Chaired a meeting	59%	15%	7%	19%	4086
2	Planned an event	38%	29%	15%	18%	4094
3	Promoted or marketed an event	32%	28%	19%	22%	4085
4	Led or facilitated a discussion	42%	25%	13%	20%	4084
5	Recruited new members for the organization/club	31%	33%	16%	20%	4089
6	Mediated a dispute	59%	28%	9%	5%	4071
7	Partnered with a community organization or organized community outreach	47%	32%	14%	8%	4067
8	Developed a budget	65%	21%	8%	6%	4066
9	Delegated tasks to others	38%	27%	14%	20%	4037

Statistic	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9
Mean	1.85	2.13	2.31	2.10	2.24	1.60	1.83	1.55	2.17
Standard Deviation	1.18	1.12	1.13	1.12	1.10	0.84	0.94	0.88	1.15

## 36. [If answered "Yes" to Q33] Please rate how important your interactions with other students in student clubs and organizations has been to each of the following:

#	Question	Of no importance (1)	Somewhat important (2)	Very important (3)	Essential (4)	Total responses
1	Becoming more dependable and reliable	8%	25%	41%	26%	4045
2	Learning how to resolve disputes	17%	32%	32%	19%	4035
3	Developing an ability to work with others to accomplish a goal	6%	18%	41%	35%	4030
4	Developing your knowledge of how organizations work	7%	24%	42%	27%	4037
5	Understanding how to succeed in competitive situations	15%	27%	36%	22%	4034
6	Developing oral presentation skills	16%	27%	35%	22%	4037
7	Developing networking skills	11%	23%	39%	27%	4036
8	Developing writing skills	31%	31%	24%	14%	4027

Statistic	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
Mean	2.85	2.53	3.05	2.90	2.66	2.62	2.82	2.21
Standard Deviation	0.89	0.98	0.88	0.88	0.98	1.00	0.95	1.03

# UMAY 2019: Academic & Personal Development

## 37. Please rate your level of proficiency in the following areas when you started at U-M and now.

#	Question	Very poor (1)	Poor (2)	Fair (3)	Good (4)	Very good (5)	Excellent (6)	Total Responses					
Analytical and critical thinking skills													
1	When you started here	1%	4%	29%	43%	18%	4%	4918					
2	Now	0%	1%	5%	27%	50%	17%	4908					
Ability to be clear and effective when writing													
3	When you started here	1%	6%	27%	39%	21%	5%	4917					
4	Now	0%	1%	9%	31%	41%	18%	4910					
Ability to read and comprehend academic material													
5	When you started here	2%	9%	30%	36%	17%	5%	4900					
6	Now	0%	1%	8%	32%	43%	16%	4884					
Understanding your field of study (i.e., college major)													
7	When you started here	7%	22%	34%	26%	9%	3%	4898					
8	Now	1%	2%	8%	26%	42%	22%	4892					
Quantitative (mathematical and statistical) skills													
9	When you started here	3%	8%	28%	37%	19%	5%	4891					
10	Now	2%	6%	23%	35%	25%	9%	4883					
Oral communication skills													
11	When you started here	2%	9%	29%	38%	17%	6%	4884					
12	Now	1%	2%	11%	34%	37%	16%	4886					
Statistic		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
Mean		3.87	4.76	3.89	4.64	3.73	4.64	3.15	4.75	3.77	4.03	3.77	4.53
Standard Deviation		0.93	0.83	1.02	0.94	1.07	0.90	1.14	0.97	1.09	1.12	1.07	0.98

## 38. Please rate your level of proficiency in the following areas when you started at U-M and now.

#	Question	Very poor (1)	Poor (2)	Fair (3)	Good (4)	Very good (5)	Excellent (6)	Total Responses					
Ability to understand international perspectives (economic, political, social, cultural)													
1	When you started here	3%	12%	32%	32%	16%	5%	4874					
2	Now	0%	2%	11%	33%	38%	16%	4869					
Leadership skills													
3	When you started here	1%	7%	28%	37%	20%	6%	4869					
4	Now	1%	3%	13%	33%	35%	16%	4871					
Library and online information research skills (e.g., finding books, articles, evaluating information sources)													
5	When you started here	5%	17%	35%	30%	11%	3%	4852					
6	Now	1%	3%	18%	38%	29%	11%	4847					
Ability to prepare and make presentations													
7	When you started here	1%	5%	30%	42%	17%	5%	4853					
8	Now	0%	1%	9%	34%	39%	16%	4850					
Ability to design, conduct, and evaluate research													
9	When you started here	8%	27%	36%	22%	6%	2%	4837					
10	Now	2%	6%	21%	38%	26%	8%	4832					
Interpersonal and teamwork skills													
11	When you started here	1%	4%	24%	45%	21%	6%	4840					
12	Now	1%	1%	7%	32%	42%	18%	4832					
Statistic		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
Mean		3.60	4.55	3.85	4.47	3.35	4.25	3.83	4.58	2.97	4.03	3.99	4.68
Standard Deviation		1.14	0.97	1.06	1.03	1.11	1.03	0.98	0.92	1.09	1.08	0.94	0.91



## UMAY 2019: Overall Satisfaction

### 39. How satisfied or dissatisfied are you with the following aspects of your campus experiences/education?

#	Question	Very dissatisfied (1)	Dissatisfied (2)	Somewhat dissatisfied (3)	Somewhat satisfied (4)	Satisfied (5)	Very satisfied (6)	Total Responses
1	My U-M grade point average	6%	10%	17%	25%	28%	13%	4847
2	Overall social experience	3%	5%	13%	25%	35%	18%	4846
3	Overall academic experience	2%	4%	9%	27%	42%	16%	4834
4	Value of your education for the price you are paying	5%	7%	14%	29%	29%	16%	4842

Statistic	My U-M grade point average	Overall social experience	Overall academic experience	Value of your education for the price you are paying
Mean	3.98	4.38	4.52	4.18
Standard Deviation	1.39	1.25	1.10	1.32

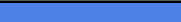











### 40. Please select your level of agreement with the following statements.

#	Question	Strongly disagree (1)	Disagree (2)	Somewhat disagree (3)	Somewhat agree (4)	Agree (5)	Strongly agree (6)	Total Responses
1	I feel valued as an individual at this campus	4%	7%	15%	34%	31%	10%	4839
2	I feel that I belong at U-M	3%	4%	10%	26%	35%	21%	4830
3	Knowing what I know now, I would still choose to enroll at U-M	3%	3%	7%	18%	33%	36%	4833




















Statistic	I feel valued as an individual at this campus	I feel that I belong at U-M	Knowing what I know now, I would still choose to enroll at U-M
Mean	4.10	4.49	4.85
Standard Deviation	1.21	1.24	1.22

# UMAY 2019: Plans & Aspirations













## 41. Which of the following best represents your plans for after graduation? (Select only one)

#	Answer		Response	%
1	Enroll in graduate or professional school		1876	39%
2	Work full-time		1973	40%
3	Work part-time		28	1%
4	Be self-employed		34	1%
5	Study or work abroad		89	2%
6	Join armed forces		26	1%
7	Paid internship		73	1%
8	Unpaid internship/ volunteer		20	0%
9	Take a year off		165	3%
10	Do something else		18	0%
11	I have no idea at this point		531	11%
12	Other		23	1%
Total			4856	100%

## 42. What career do you hope to eventually have after you have completed your education?

#	Answer		Response	%
1	Agriculture, Food, & Natural Resources		45	1%
2	Architecture & Construction		50	1%
3	Arts, Audio/Visual Technology, & Communications		289	6%
4	Business Management & Administration		323	7%
5	Education & Training		133	3%
6	Finance		199	4%
7	Government & Public Administration		203	4%
8	Health Science		1069	22%
9	Hospitality & Tourism		11	0%
10	Human Services		134	3%
11	Information Technology		116	2%
12	Law, Public Safety, Corrections, & Security		250	5%
13	Manufacturing		30	1%
14	Marketing, Sales, and Service		147	3%
15	Military Service		21	0%
16	Science, Technology, Engineering, & Mathematics		1224	25%
17	Transportation, Distribution, & Logistics		10	0%
18	I have no idea whatsoever		311	7%
19	Other		288	6%
Total			4853	100%

## 43. What is the highest academic degree or credential that you plan to eventually earn?

#	Answer		Response	%
1	Bachelor's degree (B.A., B.S., etc.)		749	15%
2	Teaching credential		13	0%
3	Business master's (M.B.A.)		533	11%
4	Other professional master's (M.Ed., M.PP., M.PH., M.FA., M.LIS., M.SN., M.SW., M.ARCH., etc.)		535	11%
5	Academic master's (M.A., M.S., etc.)		546	11%
6	Law degree (L.L.B. or J.D.)		336	7%
7	Medical doctorate other than M.D. (D.O., D.D.S., D.V.M., etc.)		145	3%
8	Medical doctor (M.D.)		501	10%
9	Doctorate (Ph.D., Ed.D., etc.)		660	14%
10	Multiple doctoral degrees (M.D./Ph.D.)		123	3%
11	If other, please elaborate		55	1%
12	I do not know yet		660	14%
Total			4856	100%

# UMAY 2019: Items Specific to the University of Michigan

## 44. How easy or difficult has each of the following been for you at U-M? (Note: If not important to you, please indicate as such.)

#	Question	Not Important to Me (1)	Very Difficult (2)	Difficult (3)	Neutral (4)	Easy (5)	Very Easy (6)	Total Responses
1	Finding people on campus who share my background and experiences	5%	7%	15%	25%	38%	10%	4565
2	Developing friendships with other students	1%	6%	15%	23%	41%	13%	4552
3	Feeling comfortable in the campus community--feeling as though I belong here	1%	6%	16%	24%	41%	12%	4547
4	Developing effective study habits	1%	7%	22%	28%	33%	9%	4552
5	Being taken seriously academically--to have professors think I am capable of doing quality work	2%	3%	9%	28%	44%	14%	4550
6	Feeling on top of the academics--confident I can do the work required	1%	11%	28%	30%	25%	5%	4501
7	Participating in & making contributions to class discussions & projects	1%	5%	18%	29%	38%	9%	4491
8	Raising a question in class about something I do not understand	1%	9%	25%	28%	30%	7%	4490
9	Approaching instructors for advice and assistance	1%	6%	19%	26%	38%	10%	4484
10	Finding academic help when I need it	2%	4%	14%	32%	40%	9%	4478
11	Identifying my academic & intellectual strengths and interests	2%	4%	15%	27%	44%	9%	4406
12	Accessing information about academic opportunities such as study abroad, honors, service learning, research programs, etc.	4%	3%	12%	29%	43%	9%	4397
13	Getting involved in campus programs outside of the classroom (i.e. Student Life programming, Trotter Center, ASB, optiMize)	13%	4%	14%	31%	32%	7%	4395
14	Finding ways to be involved in student clubs & organizations	4%	3%	12%	24%	45%	13%	4385
15	Connecting with U-M alumni to help build a professional network	11%	10%	26%	34%	17%	3%	4392
16	Scheduling classes to meet curriculum/degree requirements	1%	6%	17%	27%	39%	10%	4388

Statistic	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Mean	4.12	4.38	4.32	4.11	4.53	3.85	4.24	3.98	4.22	4.31	4.33	4.31	3.86	4.39	3.46	4.28
Standard Deviation	1.29	1.14	1.14	1.13	1.04	1.10	1.08	1.15	1.13	1.05	1.06	1.13	1.41	1.19	1.28	1.10

#### 45. Indicate your level of agreement with the following statements:

#	Question	Strongly Disagree (1)	Disagree (2)	Somewhat disagree (3)	Somewhat agree (4)	Agree (5)	Strongly agree (6)	Total Responses
1	I was prepared academically for U-M	5%	6%	11%	25%	36%	18%	4401
2	I am performing up to my academic potential	4%	8%	15%	28%	33%	12%	4391
3	U-M has a strong commitment to undergraduate education	1%	2%	5%	23%	49%	20%	4383
4	U-M has a strong commitment to diversity	3%	5%	11%	27%	39%	15%	4389
5	Diversity is important at this institution	3%	4%	10%	26%	41%	17%	4383
6	Diversity is important to me	2%	2%	4%	16%	37%	39%	4394

Statistic	I was prepared academically for U-M	I am performing up to my academic potential	U-M has a strong commitment to undergraduate education	U-M has a strong commitment to diversity	Diversity is important at this institution	Diversity is important to me
Mean	4.35	4.14	4.74	4.40	4.49	5.04
Standard Deviation	1.31	1.27	0.99	1.18	1.17	1.06

# Select Supplemental Demographic Data about Respondents

(from University of Michigan official records)

## Residency

	Respondents	%
In-State	4253	64%
Out-of-State	2377	36%
Total	6630	

## Sex

	Respondents	%
Male	2429	37%
Female	4201	63%
Total	6630	

## Class Level (based on credit hours as of Winter 2019)

	Respondents	%
Freshman	675	10%
Sophomore	1799	27%
Junior	1728	26%
Senior	2428	37%
Total	6630	

## Matriculation Status at Entry

	Respondents	%
Freshman	5879	89%
Transfer	748	11%
Other	3	0%
Total	6630	

## U-M School/College

	Respondents	%
Taubman (Architecture)	28	0%
Stamps (Art & Design)	100	2%
Ross (Business)	379	6%
Dentistry (Dental Hygiene)	22	0%
Education	34	1%
Engineering	1362	21%
Information	61	1%
Joint degree	3	0%
Kinesiology	212	3%
LSA	3956	60%
Music, Theatre & Dance	166	3%
Nursing	200	3%
Pharmacy	20	0%
Public Health	57	1%
Ford (Public Policy)	30	1%
Total	6630	

## Race/Ethnicity

	Response	%
African American	299	5%
Hispanic/Latino	426	6%
Native American	5	0%
Native Hawaiian/Pacific Islander	1	0%
Asian American	1091	17%
White	3862	58%
2 or More Races	331	5%
Not Indicated/No Data	316	5%
International	299	5%
Total	6630	

## Has Declared a Major

	Response	%
Yes	4241	64%
No	2389	36%
Total	6630	

## UMAY 2019: Additional Demographics from the Survey

### What is your religious/spiritual preference?

	Response	%
No particular religion and not particularly spiritual	1256	27%
Agnostic	442	9%
Atheist	358	8%
Baptist	81	2%
Buddhist	49	1%
Christian Church (Disciples of Christ)	318	7%
Eastern Orthodox	23	1%
Episcopalian	26	1%
Greek Orthodox	17	0%
Hindu	128	3%
Jewish/Orthodox	37	1%
Jewish/Other	120	3%
Jewish/Reformed	164	4%
Lutheran	123	3%
Methodist	83	2%
Mormon	7	0%
Muslim/Other	15	0%
Muslim/Shia	34	1%
Muslim/Sunni	83	2%
Non-denominational Evangelical	171	4%
Presbyterian	110	2%
Quaker	5	0%
Roman Catholic	765	16%
Russian Orthodox	4	0%
Seventh Day Adventist	3	0%
Sikh	8	0%
Spiritual but not associated with a major religion	106	2%
Taoist	4	0%
Unitarian/Universalist	15	0%
United Church of Christ/Congregational	21	0%
Religious/spiritual preference not listed above. Please specify.	123	3%
Total	4699	100%

### How would you characterize your sexual orientation?

	Response	%
Heterosexual or straight	3905	83%
Gay or lesbian	171	4%
Bisexual	370	8%
Queer	94	2%
Questioning	111	2%
Not listed above (please specify)	70	2%
Total	4721	100%



# Appendix A: UMay Questions in 2019 Summary Report

## Academic Engagement

1. During this academic year, how often have you done each of the following? (7 questions about class experiences)
2. How frequently have you engaged in these activities so far this academic year? (3 questions about faculty interactions)
3. How frequently during this academic year have you done each of the following? (9 questions about class assignments/homework)
4. On average, how much of your assigned course reading have you completed this academic year?

## Student Use of Time

5. During this academic year, how many hours do you spend in a typical week (7 days) on the following activities? (11 questions about time use)
6. During this academic year, what was the average number of hours per night you slept on weeknights?
7. Have you completed or are you now participating in the following activities at U-M? (14 options such as living-learning community, leadership program, study abroad, etc.)

## Research & Creative Scholarly Experience

8. Indicate the following scholarship, research, and creative activities that you are currently doing or have completed as a U-M student.
9. [If “Assisting faculty in conducting research” was selected in Q8] You indicated that you are assisting or have assisted faculty with research. Which of the following best describes the nature of that assistance?
10. [If “Assisting faculty in conducting research” was selected in Q8] Was your assistance with research for... (course credit, pay, etc.)
11. [If “Assisting faculty with their creative project” was selected in Q8] Was your assistance with the creative project for... (course credit, pay, etc.)
12. [If students indicated they conducted their own research/creative project with or without faculty guidance/supervision in Q8] If you communicated the results of your research or creative project, please indicate how you did this.
13. This academic year, how often have you done each of the following? (Appreciate the world from someone else’s perspective, discuss and navigate controversial issues, etc.)

## Campus Climate

14. Please indicate how strongly you agree or disagree with the following statements in terms of yourself. (8 questions related to respect for groups of students)
15. Please select your level of agreement or disagreement with the following statements. (5 questions related to campus climate)

## Evaluation of the Primary Major

16. Were the following factors very important to you in deciding on your major?
17. Thinking back over your coursework in your major this academic year, how often were you required to do the following? (5 questions)
18. Thinking back over your coursework in your major this academic year, how often did you do each of the following? (4 questions)
19. Please answer the following questions about your major. (4 questions)
20. How often have you experienced the following? (7 questions)
21. How satisfied or dissatisfied are you with each of the following aspects of your educational experience in the major? (4 questions)
22. [All students regardless of major declaration] How satisfied or dissatisfied are you with each of the following aspects of your educational experience overall? (13 questions)
23. [All students regardless of major declaration] How many professors do you know well enough to ask for a letter of recommendation in support of an application for a job or for graduate or professional school?

## Evaluation of the Education Experience [for students without a declared major]

24. Thinking back over your coursework this academic year, how often were you required to do the following? (5 questions)
25. Thinking back over all of your coursework this academic year, how often did you do each of the following? (4 questions)
26. How often have you experienced the following? (7 questions)

## Evaluation of the Second Major

27. Were the following factors very important to you in deciding on your second major?
28. Thinking back over your coursework in your major this academic year, how often were you required to do the following? (5 questions)
29. Thinking back over your coursework in your major this academic year, how often did you do each of the following? (4 questions)
30. Please answer the following questions about your second major. (4 questions)
31. Please answer the following questions about your experience in the second major. How often have you experienced the following? (4 questions)
32. How satisfied or dissatisfied are you with each of the following aspects of your educational experience in the major? (4 questions)

## Co-Curricular Experience

33. While a student at the University of Michigan, have you been involved or are you currently involved in a student organization?
34. [If answered "Yes" to Q27] Are you or have you been an officer of a student organization?
35. [If answered "Yes" to Q27] During the current academic year, how often have you done the following activities in a student club or organization of which you are a member? (9 questions)
36. [If answered "Yes" to Q27] Please rate how important your interactions with other students in student clubs and organizations has been to each of the following: (8 questions)

## Academic & Personal Development

37. Please rate your level of proficiency in the following areas when you started at U-M and now. (Writing, analysis, math, etc.)
38. Please rate your level of proficiency in the following areas when you started at U-M and now. (Leadership, research, presentations, etc.)

## Overall Satisfaction

39. How satisfied or dissatisfied are you with the following aspects of your campus experiences/education? (GPA, social life, academic life, cost of college – 4 questions)
40. Please select your level of agreement with the following statements. (Campus climate – 3 questions)

## Plans & Aspirations

41. Which of the following best represents your plans for after graduation? (additional school, work, join military, etc.)
42. What career do you hope to eventually have after you have completed your education? (Select from a list of 19 broad categories)
43. What is the highest academic degree or credential that you plan to eventually earn? (Select from a list of 12 items)

## Items Specific to the University of Michigan

44. How easy or difficult have each of the following been for you at U-M? (Aspects of personal and academic life)
45. Indicate your level of agreement with the following statements. (7 statements regarding campus climate)
46. Based on your experience and observation, rate the general climate for students at U-M along the following dimensions. Campus Climate is: (4 scales of campus climate)

## Select Supplemental Demographic Data about Respondents (from University of Michigan official records)

- Residency
- Class Level
- Sex
- Matriculation Status at Entry
- U-M School/College
- Race/Ethnicity
- Has Declared a Major

## Additional UMay Demographics (from the survey)

- Religious/Spiritual preference
- Sexual orientation