

Survey

Start of Block: Consent

JS

Consent

My name is Paola Ugalde, I am an Economics PhD student at ASU being advised by Prof. Esteban Aucejo (eaucejo@asu.edu). As part of my dissertation project, I am conducting a 30-minute online survey. The purpose of the survey is to better understand how ASU students make choices about majors and the relationship between study time and grades.

Upon completion of the survey, you will enter a drawing for one of 350 \$20 Amazon eGift cards. The drawing will happen within a week of the survey closure. At the end of the survey, I will ask you for an ASU email address to which I will send the gift card if you are selected in the drawing. This email address will not be used for any purpose other than sending the card.

Your responses will be confidential and any identifying information will not be posted online. Only the research team and the ASU Institutional Review Board (IRB) will have access to this information. Your responses will be anonymized, and the results of this study may be used in reports, presentations, or publications but your name will not be used. All results will be shared only in aggregate form.

Your participation is completely voluntary. You can agree to take part and later change your mind. Your decision will not be held against you. **You must be an active, full-time, undergraduate ASU student who is 18 years of age or older to participate in the study.** You must be an in-person student, which means that without a pandemic you would attend in-person/on-campus classes. Students that pursue their degree completely online (ASU Online students) ARE NOT eligible to participate in this research study. Your participation will help us understand the decision-making of college students. There are no foreseeable risks or discomforts to your participation.

If you have questions, concerns, or complaints, or think the research has hurt you, talk to the research team at pugaldea@asu.edu. If you have any questions concerning the research study, please contact the Chair of the Human Subjects Institutional Review Board, through the ASU Office of Research Integrity and Assurance, at (480) 965-6788. The IRB Protocol ID for the study is STUDY00013500.

Please complete the survey only once. If, by accident, you participate more than once please

let us know immediately and note that only your first participation will be considered for payment.

By clicking "Accept", you acknowledge that you have read the information stated and consent to participate in this study.

End of Block: Consent

Start of Block: Categories

Z1 Major Categories

For the purpose of this study, ASU majors will be grouped in 3 broad categories: Social Sciences/Humanities/Other Business/Economics Science/Technology/Engineering/Math
If you are not sure about the category your current (or most likely) major falls into, please click [here](#).

End of Block: Categories

Start of Block: Major and GPA

A1 What is your cumulative grade point average (GPA)?

0 0 1 1 2 2 2 3 3 4

GPA ()	<input type="range" value="2.2"/>
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A2

What fields are you currently majoring in? List up to two majors.

Primary Major:

▼ Accountancy (418) ... Women and Gender Studies (618)

A3

Major 2:

▼ Accountancy (418) ... Women and Gender Studies (618)

A4 Which of the following categories best fits the primary major you reported in the previous question? Details on how majors map into each category [here](#).

- ☐ Social Sciences/Humanities/Other (1)
- ☐ Business/Economics (2)
- ☐ Science/Technology/Engineering/Math (3)

Page Break

A5 Have you ever changed your major?

- ☐ Yes (1)
- ☐ No (2)

Display This Question:

If Have you ever changed your major? = Yes

A6

What field were you majoring in BEFORE the last time you changed majors?


▼ Accountancy (418) ... Women and Gender Studies (618)

Display This Question:

If Have you ever changed your major? = Yes

A7 What was your cumulative GPA at the time of the change?

0 0 1 1 2 2 2 3 3 4

GPA ()	
--------	--

Page Break

A8 Are you planning on changing the field you are currently majoring in?

☐ Yes (1)

☐ No (2)

Display This Question:

If Are you planning on changing the field you are currently majoring in? = Yes

A9

What field are you planning on changing to?

▼ Accountancy (418) ... Women and Gender Studies (618)

End of Block: Major and GPA

Start of Block: General Grades Questions

B1 In this section we are interested in learning about your beliefs about what good grades are and why they are important. There are no right or wrong answers. We simply want to know what your beliefs are.

In a typical class required by your major, what is the minimum course grade you would want to get?

▼ A+ (10) ... C (17)

B2 What is the minimum cumulative GPA you would want to graduate with?

	2	2	3	3	3	3	4
GPA ()							

B3 How important is it for you to get good grades during college?

	Not at all important (8)	Slightly important (9)	Moderately important (10)	Very important (11)	Extremely important (12)
Getting good grades is (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Page Break

B4 How important do you think the following factors are in motivating you to get good grades?

	Not at all important (6)	Slightly important (7)	Moderately important (8)	Very important (9)	Extremely important (10)
Find a job after graduation (108)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have a successful career trajectory (109)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Keep your parents satisfied (110)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Keep or apply for scholarships (111)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attend graduate school (112)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Demonstrate to professors that you are good in your major (113)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Demonstrate to peers that you are good in your major (114)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Provide confidence that you made the right major choice (115)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Your own satisfaction (116)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

B5 How much do you think you would enjoy majoring in each of the following categories?

	None at all (21)	A little (22)	A moderate amount (23)	A lot (24)	A great deal (25)
Social Sciences/Humanities/Other (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Business/Economics (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Science/Technology/Engineering/Math (10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

B6 Consider a situation where you are enrolled in each of the following major categories. Think about the other individuals enrolled in each of the major categories (your peers). On a ranking scale of 1-100, where do you think you would rank in terms of your ability in that major category when compared to all individuals in that same category? Note: A rank of 1 would mean that your ability would be the HIGHEST or within the top 1 percentile; 100 would mean that your ability would be the LOWEST amongst your peers or 100th percentile; 50 would mean that you rank in the middle or 50th percentile in terms of ability--half of your peers rank higher than you in ability and half rank below you.

	0	10	20	30	40	50	60	70	80	90	100
Social Sciences/Humanities/Other ()											
Business/Economics ()											
Science/Technology/Engineering/Math ()											

Page Break

B7 Consider a situation where you are enrolled in each of the following major categories. What do you think is the highest cumulative GPA you can achieve at graduation in each of the major categories?

	0	0	1	1	2	2	2	3	3	4
Social Sciences/Humanities/Other ()										
Business/Economics ()										
Science/Technology/Engineering/Math ()										

Page Break

B8 At graduation, in what major category do you think that students have the highest cumulative GPA on average?

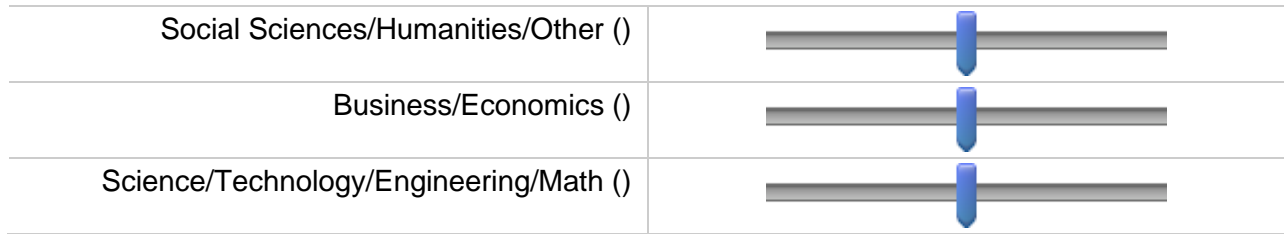
Note: if you think there is a tie, please check all that apply.

- ☐ Social Sciences/Humanities/Other (1)
- ☐ Business/Economics (4)
- ☐ Science/Technology/Engineering/Math (5)

Page Break

B9 What do you think is the average cumulative GPA of students graduating in each major category?

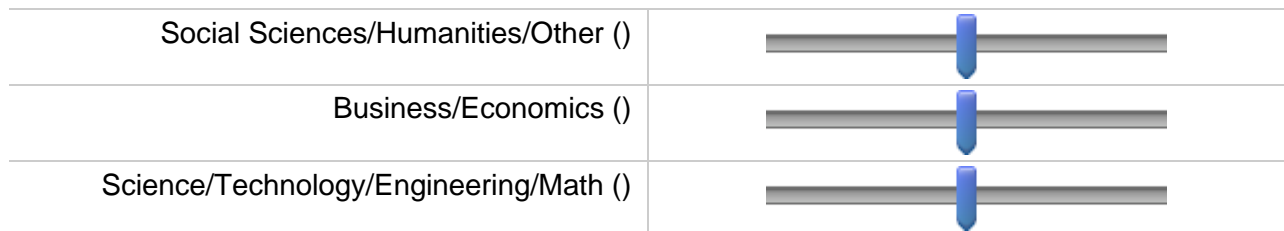
2 2 2 3 3 3 3 3 4



Page Break

B10 Consider a situation where you are enrolled in each of the following major categories. What do you think is the percent chance (or chances out of 100) that you would get a full-time job after graduation in the same field as the degree?




0 10 20 30 40 50 60 70 80 90 100



Page Break

B11 Consider a situation where you are enrolled in each of the following major categories. What do you think is the minimum cumulative GPA that you would need to get a full-time job after graduation in the same field as the degree?




2 2 2 3 3 3 3 3 4

Social Sciences/Humanities/Other ()	
Business/Economics ()	
Science/Technology/Engineering/Math ()	

Page Break

B12 Consider a situation where you are enrolled in each of the following major categories. What do you think is the minimum cumulative GPA that you would need to get a job after graduation in the same field as the degree that pays \$45,000 per year?

2 2 2 3 3 3 3 3 4

Social Sciences/Humanities/Other ()	
Business/Economics ()	
Science/Technology/Engineering/Math ()	

Page Break

B13 In the year after graduation, in what category do you think that a full-time worker receives the lowest average annual earnings?

Note: if you think there is a tie, please check all that apply.

- ☐ Social Sciences/Humanities/Other (1)
- ☐ Business/Economics (2)
- ☐ Science/Technology/Engineering/Math (3)

Page Break



B14 In the year after graduation, what do you think are the average annual earnings of full-time workers who graduated with a degree in each of the following major categories?

- ☐ Social Sciences/Humanities/Other (1) _____
- ☐ Business/Economics (2) _____
- ☐ Science/Technology/Engineering/Math (3) _____

End of Block: General Grades Questions

Start of Block: Study Time

C1 In this section we are interested in learning about your study time preferences. On average, how many hours do you spend studying in a **typical 7-day week** during spring or fall semesters?

Note: study time includes time doing homework, reading, group projects, or studying for tests and quizzes but not time attending classes.

▼ 1 (235) ... 41+ (275)

C2 How many hours do you think you need study in a **typical 7-day week** in order to graduate with a cumulative GPA of $\${B2/TotalSum}$ if you were to major in each of the following categories?

Note: study time includes time doing homework, reading, group projects, or studying for tests and quizzes but not time attending classes.

Social Sciences/Humanities/Other (4)	▼ 1 (105) ... 41+ (145)
Business/Economics (5)	▼ 1 (105) ... 41+ (145)
Science/Technology/Engineering/Math (6)	▼ 1 (105) ... 41+ (145)

C3 In what major category do you think full-time students spend the most time studying on average during a **typical 7-day week**?

Note: study time includes time doing homework, reading, group projects, or studying for tests and quizzes but not time attending classes. If you think there is a tie, please check all that apply.

- ☐ Social Sciences/Humanities/Other (1)
- ☐ Business/Economics (2)
- ☐ Science/Technology/Engineering/Math (3)

C4 On average, how many hours do you think an average full-time student spends studying in a **typical 7-day week** during the spring or fall semester in each of the following major categories?

Note: study time includes time doing homework, reading, group projects, or studying for tests and quizzes but not time attending classes.

C4_H Social Sciences/Humanities/Other

▼ 1 (47) ... 41+ (87)

C4_B Business/Economics

▼ 1 (47) ... 41+ (87)

C4_S Science/Technology/Engineering/Math

▼ 1 (47) ... 41+ (87)

End of Block: Study Time

Start of Block: Scenarios



S0

In this section of the survey, you will be presented with 10 different hypothetical scenarios where each major category is characterized by:

Average cumulative GPA at graduation
Average study time per-week Average annual earnings in a full-time job

In each scenario, please imagine that you have not chosen a major and you are thinking of what to choose. You will be asked for the percent chance (or chances out of 100) that you would choose to graduate from each category given the characteristics in the scenario.

Page Break

Imagine a situation in which you have not chosen a major yet and each major category is characterized as in the table below.

	Average GPA	Average Weekly Study Hours	Average Earnings After Graduation (full-time job)
(a)			
(b)			
(c)			Social Sciences/Humanities/Other
	$\{e://Field/H_gpa_s1\}$		
	$\{e://Field/H_hour_s1\}$	$\{\$e://Field/H_earn_s1\}$	
	Business/Economics		$\{e://Field/B_gpa_s1\}$
	$\{e://Field/B_hour_s1\}$	$\{\$e://Field/B_earn_s1\}$	
		Science/Technology/Engineering/Math	
	$\{e://Field/S_gpa_s1\}$	$\{e://Field/S_hour_s1\}$	
	$\{\$e://Field/S_earn_s1\}$		

For example, in this scenario students from Social Sciences/Humanities/Other (a) graduate with a cumulative GPA of $\{e://Field/H_gpa_s1\}$ on average; (b) study $\{e://Field/H_hour_s1\}$ hours per-week on average, and (c) on average have annual earnings of $\{\$e://Field/H_earn_s1\}$ in a full-time job.

This question is just meant to make sure you are paying attention. Please select all the statements that are true according to this scenario.

- ☐ $\{e://Field/gpa_true_s1\}$ (4)
- ☐ $\{e://Field/hour_false_s1\}$ (5)
- ☐ $\{e://Field/hour_true_s1\}$ (7)
- ☐ $\{e://Field/earn_true_s1\}$ (8)
- ☐ $\{e://Field/gpa_false_s1\}$ (9)



S1

Scenario 1

Imagine a situation in which you have not chosen a major yet and each major category is characterized as in the table below.

Average GPA		Average Weekly Study Hours		Social
(a)		Average Earnings After Graduation (full-time		
(b)				
job)	(c)			
Sciences/Humanities/Other		$\{e://Field/H_gpa_s1\}$		
$\{e://Field/H_hour_s1\}$		$\{\{e://Field/H_earn_s1\}$		
	Business/Economics		$\{e://Field/B_gpa_s1\}$	
	$\{e://Field/B_hour_s1\}$		$\{\{e://Field/B_earn_s1\}$	
		Science/Technology/Engineering/Math		
$\{e://Field/S_gpa_s1\}$		$\{e://Field/S_hour_s1\}$		
$\{\{e://Field/S_earn_s1\}$				

For example, in this scenario students from Social Sciences/Humanities/Other (a) graduate with a cumulative GPA of $\{e://Field/H_gpa_s1\}$ on average; (b) study $\{e://Field/H_hour_s1\}$ hours per-week on average, and (c) on average have annual earnings of $\{\$e://Field/H_earn_s1\}$ in a full-time job.

What is the percent chance (or chances out of 100) that you would choose to graduate from each category given these characteristics?

Note: The chance of each major category should be a number between 0 and 100 and the chances assigned to the three categories should add up to 100.

Social Sciences/Humanities/Other : _____ (4)

Business/Economics : _____ (5)

Science/Technology/Engineering/Math : _____ (6)

Total : _____

Page Break



S2 Scenario 2

Imagine a situation in which you have not chosen a major yet and each major category is characterized as in the table below.

Average GPA		Average Weekly Study Hours	
(a)		Average Earnings After Graduation (full-time	
(b)		job)	
(c)		Social	
Sciences/Humanities/Other		$\{e://Field/H_gpa_s2\}$	
$\{e://Field/H_hour_s2\}$		$\{\$e://Field/H_earn_s2\}$	
Business/Economics		$\{e://Field/B_gpa_s2\}$	
$\{e://Field/B_hour_s2\}$		$\{\$e://Field/B_earn_s2\}$	
Science/Technology/Engineering/Math		$\{e://Field/S_gpa_s2\}$	
$\{\$e://Field/S_earn_s2\}$		$\{e://Field/S_hour_s2\}$	

What is the percent chance (or chances out of 100) that you would choose to graduate from each category given these characteristics?

Note: The chance of each major category should be a number between 0 and 100 and the chances assigned to the three categories should add up to 100.

Social Sciences/Humanities/Other : _____ (4)

Business/Economics : _____ (5)

Science/Technology/Engineering/Math : _____ (6)

Total : _____

Page Break



S3 Scenario 3

Imagine a situation in which you have not chosen a major yet and each major category is characterized as in the table below.

Average GPA		Average Weekly Study Hours	
(a)		Average Earnings After Graduation (full-time	
(b)		job)	
(c)		Social	
Sciences/Humanities/Other		$\{e://Field/H_gpa_s3\}$	
$\{e://Field/H_hour_s3\}$		$\{\{e://Field/H_earn_s3\}$	
Business/Economics		$\{e://Field/B_gpa_s3\}$	
$\{e://Field/B_hour_s3\}$		$\{\{e://Field/B_earn_s3\}$	
Science/Technology/Engineering/Math		$\{e://Field/S_gpa_s3\}$	
$\{\{e://Field/S_earn_s3\}$		$\{e://Field/S_hour_s3\}$	

What is the percent chance (or chances out of 100) that you would choose to graduate from each category given these characteristics?

Note: The chance of each major category should be a number between 0 and 100 and the chances assigned to the three categories should add up to 100.

Social Sciences/Humanities/Other : _____ (4)

Business/Economics : _____ (5)

Science/Technology/Engineering/Math : _____ (6)

Total : _____

Page Break



S4 Scenario 4

Imagine a situation in which you have not chosen a major yet and each major category is characterized as in the table below.

Average GPA		Average Weekly Study Hours	
(a)		Average Earnings After Graduation (full-time	
(b)		job)	
(c)		Social	
Sciences/Humanities/Other		$\{e://Field/H_gpa_s4\}$	
$\{e://Field/H_hour_s4\}$		$\{\{e://Field/H_earn_s4\}$	
Business/Economics		$\{e://Field/B_gpa_s4\}$	
$\{e://Field/B_hour_s4\}$		$\{\{e://Field/B_earn_s4\}$	
Science/Technology/Engineering/Math		$\{e://Field/S_gpa_s4\}$	
$\{\{e://Field/S_earn_s4\}$		$\{e://Field/S_hour_s4\}$	

What is the percent chance (or chances out of 100) that you would choose to graduate from each category given these characteristics?

Note: The chance of each major category should be a number between 0 and 100 and the chances assigned to the three categories should add up to 100.

Social Sciences/Humanities/Other : _____ (4)

Business/Economics : _____ (5)

Science/Technology/Engineering/Math : _____ (6)

Total : _____

Page Break



S5 Scenario 5

Imagine a situation in which you have not chosen a major yet and each major category is characterized as in the table below.

Average GPA		Average Weekly Study Hours	
(a)		Average Earnings After Graduation (full-time	
(b)		job)	
(c)		Social	
Sciences/Humanities/Other		$\{e://Field/H_gpa_s5\}$	
$\{e://Field/H_hour_s5\}$		$\{\{e://Field/H_earn_s5\}$	
Business/Economics		$\{e://Field/B_gpa_s5\}$	
$\{e://Field/B_hour_s5\}$		$\{\{e://Field/B_earn_s5\}$	
Science/Technology/Engineering/Math		$\{e://Field/S_gpa_s5\}$	
$\{\{e://Field/S_earn_s5\}$		$\{e://Field/S_hour_s5\}$	

What is the percent chance (or chances out of 100) that you would choose to graduate from each category given these characteristics?

Note: The chance of each major category should be a number between 0 and 100 and the chances assigned to the three categories should add up to 100.

Social Sciences/Humanities/Other : _____ (4)

Business/Economics : _____ (5)

Science/Technology/Engineering/Math : _____ (6)

Total : _____

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S6_a **Scenario 6**

Imagine a situation in which you have not chosen a major yet and each major category is characterized as in the table below.

job)	Average GPA		Average Weekly Study Hours	Social
	(a)	(b)	Average Earnings After Graduation (full-time	
	(c)			
Sciences/Humanities/Other			$\{e://Field/H_gpa_s6\}$	
	$\{e://Field/H_hour_s6\}$		$\{\{e://Field/H_earn_s6\}$	
		Business/Economics		$\{e://Field/B_gpa_s6\}$
		$\{e://Field/B_hour_s6\}$		$\{\{e://Field/B_earn_s6\}$
			Science/Technology/Engineering/Math	
	$\{e://Field/S_gpa_s6\}$		$\{e://Field/S_hour_s6\}$	
	$\{\{e://Field/S_earn_s6\}$			

This question is just meant to make sure you are paying attention. Please select all the statements that are true according to this scenario.

- ☐ $\{e://Field/earn_false_s6\}$ (4)
- ☐ $\{e://Field/gpa_true_s6\}$ (5)
- ☐ $\{e://Field/hour_true_s6\}$ (6)
- ☐ $\{e://Field/gpa_false_s6\}$ (7)
- ☐ $\{e://Field/hour_false_s6\}$ (8)

Page Break



S6 Scenario 6

Imagine a situation in which you have not chosen a major yet and each major category is characterized as in the table below.

Average GPA		Average Weekly Study Hours	
(a)		Average Earnings After Graduation (full-time	
(b)		job)	
(c)		Social	
Sciences/Humanities/Other		$\{e://Field/H_gpa_s6\}$	
$\{e://Field/H_hour_s6\}$		$\{\{e://Field/H_earn_s6\}$	
Business/Economics		$\{e://Field/B_gpa_s6\}$	
$\{e://Field/B_hour_s6\}$		$\{\{e://Field/B_earn_s6\}$	
Science/Technology/Engineering/Math		$\{e://Field/S_gpa_s6\}$	
$\{\{e://Field/S_earn_s6\}$		$\{e://Field/S_hour_s6\}$	

What is the percent chance (or chances out of 100) that you would choose to graduate from each category given these characteristics?

Note: The chance of each major category should be a number between 0 and 100 and the chances assigned to the three categories should add up to 100.

Social Sciences/Humanities/Other : _____ (4)

Business/Economics : _____ (5)

Science/Technology/Engineering/Math : _____ (6)

Total : _____

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S7 Scenario 7

Imagine a situation in which you have not chosen a major yet and each major category is characterized as in the table below.

Average GPA		Average Weekly Study Hours	
(a)		Average Earnings After Graduation (full-time	
(b)		job)	
(c)		Social	
Sciences/Humanities/Other		$\{e://Field/H_gpa_s7\}$	
$\{e://Field/H_hour_s7\}$		$\{\{e://Field/H_earn_s7\}$	
Business/Economics		$\{e://Field/B_gpa_s7\}$	
$\{e://Field/B_hour_s7\}$		$\{\{e://Field/B_earn_s7\}$	
Science/Technology/Engineering/Math		$\{e://Field/S_gpa_s7\}$	
$\{\{e://Field/S_earn_s7\}$		$\{e://Field/S_hour_s7\}$	

What is the percent chance (or chances out of 100) that you would choose to graduate from each category given these characteristics?

Note: The chance of each major category should be a number between 0 and 100 and the chances assigned to the three categories should add up to 100.

Social Sciences/Humanities/Other : _____ (4)

Business/Economics : _____ (5)

Science/Technology/Engineering/Math : _____ (6)

Total : _____

Page Break



S8 Scenario 8

Imagine a situation in which you have not chosen a major yet and each major category is characterized as in the table below.

Average GPA		Average Weekly Study Hours	
(a)		Average Earnings After Graduation (full-time	
(b)		job)	
(c)		Social	
Sciences/Humanities/Other		$\{e://Field/H_gpa_s8\}$	
$\{e://Field/H_hour_s8\}$		$\{\{e://Field/H_earn_s8\}$	
Business/Economics		$\{e://Field/B_gpa_s8\}$	
$\{e://Field/B_hour_s8\}$		$\{\{e://Field/B_earn_s8\}$	
Science/Technology/Engineering/Math		$\{e://Field/S_gpa_s8\}$	
$\{\{e://Field/S_earn_s8\}$		$\{e://Field/S_hour_s8\}$	

What is the percent chance (or chances out of 100) that you would choose to graduate from each category given these characteristics?

Note: The chance of each major category should be a number between 0 and 100 and the chances assigned to the three categories should add up to 100.

Social Sciences/Humanities/Other : _____ (4)

Business/Economics : _____ (5)

Science/Technology/Engineering/Math : _____ (6)

Total : _____

Page Break



S9 Scenario 9

Imagine a situation in which you have not chosen a major yet and each major category is characterized as in the table below.

Average GPA		Average Weekly Study Hours	
(a)		Average Earnings After Graduation (full-time	
(b)		job)	
(c)		Social	
Sciences/Humanities/Other		$\{e://Field/H_gpa_s9\}$	
$\{e://Field/H_hour_s9\}$		$\{\{e://Field/H_earn_s9\}$	
Business/Economics		$\{e://Field/B_gpa_s9\}$	
$\{e://Field/B_hour_s9\}$		$\{\{e://Field/B_earn_s9\}$	
Science/Technology/Engineering/Math		$\{e://Field/S_gpa_s9\}$	
$\{\{e://Field/S_earn_s9\}$		$\{e://Field/S_hour_s9\}$	

What is the percent chance (or chances out of 100) that you would choose to graduate from each category given these characteristics?

Note: The chance of each major category should be a number between 0 and 100 and the chances assigned to the three categories should add up to 100.

Social Sciences/Humanities/Other : _____ (4)

Business/Economics : _____ (5)

Science/Technology/Engineering/Math : _____ (6)

Total : _____

Page Break



S10 Scenario 10

Imagine a situation in which you have not chosen a major yet and each major category is characterized as in the table below.

Average GPA		Average Weekly Study Hours	
(a)	(b)	Average Earnings After Graduation (full-time job)	
		(c)	Social
Sciences/Humanities/Other		$\{e://Field/H_gpa_s10\}$	
$\{e://Field/H_hour_s10\}$		$\{\{e://Field/H_earn_s10\}$	
Business/Economics			
$\{e://Field/B_gpa_s10\}$		$\{e://Field/B_hour_s10\}$	
$\{\{e://Field/B_earn_s10\}$			
Science/Technology/Engineering/Math		$\{e://Field/S_gpa_s10\}$	
$\{e://Field/S_hour_s10\}$		$\{\{e://Field/S_earn_s10\}$	

What is the percent chance (or chances out of 100) that you would choose to graduate from each category given these characteristics?

Note: The chance of each major category should be a number between 0 and 100 and the chances assigned to the three categories should add up to 100.

Social Sciences/Humanities/Other : _____ (4)

Business/Economics : _____ (5)

Science/Technology/Engineering/Math : _____ (6)

Total : _____

End of Block: Scenarios

Start of Block: HH/SS

HH0 According to the answers you provided earlier about your primary major, you are classified in the **Social Sciences/Humanities/Other** category. In this section we would like to know more about your motivation for majoring in this category.

HH1 For each of the following statements decide how important they were as reasons for you to major in **Social Sciences/Humanities/Other**

	Not at all important (6)	Slightly important (7)	Moderately important (8)	Very important (9)	Extremely important (10)
Would enjoy the coursework (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would enjoy a career in this area (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would fit with the other students in the field (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would have a career where you can help others (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would have a high-paying job (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Page Break

HH2 For each of the following statements decide how important they were as reasons for you NOT to major in **Business/Economics**.

	Not at all important (6)	Slightly important (7)	Moderately important (8)	Very important (9)	Extremely important (10)
High level of math (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Higher study times than other majors (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Difficulty level of the courses (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lower GPAs than other majors (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would not enjoy the coursework (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would not enjoy a career in the field (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would not fit with the other students in the field (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Harder to have a career where you can help others (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

HH3 For each of the following statements decide how important they were as reasons for you NOT to major in **Science/Technology/Engineering/Math**.

	Not at all important (6)	Slightly important (7)	Moderately important (8)	Very important (9)	Extremely important (10)
High level of math and science (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Higher study times than other majors (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
High difficulty level of the courses (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lower GPAs than other majors (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would not enjoy the coursework (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would not enjoy a career in the field (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would not fit with the other students in the field (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Harder to have a career where you can help others (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

End of Block: HH/SS

Start of Block: BEC

BEC0 According to the answers you provided earlier about your primary major, you are classified in the **Business/Economics** category. In this section we would like to know more about your motivation for majoring in this category.

BEC1 For each of the following statements decide how important they were as reasons for you to major in **Business/Economics**.

	Not at all important (6)	Slightly important (7)	Moderately important (8)	Very important (9)	Extremely important (10)
You like math (25)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
You are good at math (26)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would enjoy the coursework (27)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would enjoy a career in the field (28)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would fit with the other students in the field (29)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would have a career where you can help others (30)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would have a high-paying job (31)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Page Break

BEC2 For each of the following statements decide how important they were as reasons for you NOT to major in **Social Sciences/Humanities/Other**

	Not at all important (6)	Slightly important (7)	Moderately important (8)	Very important (9)	Extremely important (10)
Higher study times than other majors (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
High difficulty level of the courses (10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lower GPAs than other majors (11)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would not enjoy the coursework (12)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would not enjoy a career in the area (13)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would not fit with the other students in the field (14)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Harder to have a career where you can help others (15)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lower wages than in other areas (16)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Harder to find a job than in other areas (17)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

BEC3 For each of the following statements decide how important they were as reasons for you NOT to major in **Science/Technology/Engineering/Math**.

	Not at all important (6)	Slightly important (7)	Moderately important (8)	Very important (9)	Extremely important (10)
High level of math and science (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Higher study times than other majors (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The high difficulty level of the courses (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lower GPAs than other majors (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would not enjoy the coursework (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would not enjoy a career in the field (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would not fit with the other students in the field (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Harder to have a career where you can help others (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

End of Block: BEC

Start of Block: STEM

STEM0 According to the answers you provided earlier about your primary major, you are classified in the **Science/Technology/Engineering/Math** category. In this section we would like to know more about your motivation for majoring in this category.

STEM1 For each of the following statements decide how important they were as reasons for you to major in **Science/Technology/Engineering/Math**.

	Not at all important (6)	Slightly important (7)	Moderately important (8)	Very important (9)	Extremely important (10)
You like math (48)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
You are good at math (49)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would enjoy the coursework (50)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would enjoy a career in the STEM field (51)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would fit with the other students in STEM (52)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would have a career where you can help others (53)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would have a high paying job (54)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

STEM2 For each of the following statements decide how important they were as reasons for you NOT to major in **Social Sciences/Humanities/Other**

	Not at all important (6)	Slightly important (7)	Moderately important (8)	Very important (9)	Extremely important (10)
Higher study times than other majors (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The high difficulty level of the courses (10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lower GPAs than other majors (11)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would not enjoy the coursework (12)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would not enjoy a career in the area (13)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would not fit with the other students in the field (14)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Harder to have a career where you can help others (15)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lower wages than in other areas (16)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Harder to find a job than in other areas (17)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

STEM3 For each of the following statements decide how important they were as reasons for you NOT to major in **Business/Economics**.

	Not at all important (6)	Slightly important (7)	Moderately important (8)	Very important (9)	Extremely important (10)
Higher study times than other majors (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Difficulty level of the courses (10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lower GPAs than other majors (11)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would not enjoy the coursework (12)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would not enjoy a career in the field (13)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Would not fit with the other students in the field (14)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Harder to have a career where you can help others (15)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

End of Block: STEM

Start of Block: Demographic Questions

D1 In this section we will ask you some background questions. What is your gender?

- ☐ Male (1)
- ☐ Female (2)
- ☐ Non-binary/Other (3)
-

D2 What is your current age?

▼ 18 (4) ... 41+ (41)

D3 What is your country of birth?

▼ United States of America (187) ... Other (206)

Display This Question:

If List of Countries = Other



D4 Input your country of birth:

Page Break

D5 Are you an international student?

☐ Yes (1)

☐ No (2)

D6 What is your race/ethnicity? Please select all that apply.

☐

White/Caucasian (1)

☐

Black/African American (2)

☐

American Indian (3)

☐

Asian/Pacific Islander (4)

☐

Hispanic/Latino (5)

☐

Other (7) _____

D7 What is the highest level of education your mother has completed?

▼ Less than high school (1) ... Don't know/ N/A (7)

D8 What is the highest level of education your father has completed?

▼ Less than high school (1) ... Don't know/ N/A (7)

D9 Which category best represents the total annual income of your parents last year?

▼ Less than \$10,000 (1) ... Don't know/NA (14)

Page Break

D10 Did you attend high school in the United States?

☐ Yes (1)

☐ No (2)

Display This Question:

If Did you attend high school in the United States? = Yes

D11 What was your high school GPA on a 4-point scale?

0 0 1 1 2 2 2 3 3 4

High school GPA ()



Display This Question:

If Did you attend high school in the United States? = No

D12 What was your high school GPA? Please skip this question if your high school did not use a 4-point scale.


0 0 1 1 2 2 2 3 3 4

High school GPA ()



D13 To the best of your knowledge, what was your relative ranking in your high school graduation class? Please answer on a 1-100 scale, where 1 means you ranked in the top 1%.

1 11 21 31 41 51 60 70 80 90 100

1 ()	
------	--

Page Break



D14

We would like to know your SAT score. Please skip this question if you did not take the SAT.

What was your SAT verbal score?



D15 What was your SAT math score?



D16 What was your composite score on the ACT? Please skip this question if you did not take the ACT.

Page Break

D17 What year are you at ASU?

- ☐ Freshman (1)
 - ☐ Sophomore (2)
 - ☐ Junior (3)
 - ☐ Senior (4)
-

D18 Are you graduating in Spring 2021?

- ☐ Yes (1)
 - ☐ No (2)
-

D19 Are you a Barrett Honors College student?

- ☐ Yes (1)
 - ☐ No (2)
-

D20 Are you currently a full-time student? (Full-time: enrolled in 12 or more credits.)

- ☐ Yes (1)
 - ☐ No (2)
-

Page Break

D21 Do you work for pay?

☐ Yes (1)

☐ No (2)

Display This Question:

If Do you work for pay? = Yes

D22 How many hours **per week** do you work for pay?

▼ 1 (263) ... 51+ (313)

End of Block: Demographic Questions

Start of Block: Opinion

E1-3_t Timing

First Click (1)

Last Click (2)

Page Submit (3)

Click Count (4)

E1 This is the last section!

Please indicate how likely you think each of the following situations would be in a scenario in which you hold a degree and work in each of the major categories below.

1) It would be harder to find a job because of your gender.

	Extremely unlikely (16)	Somewhat unlikely (17)	Neither likely nor unlikely (18)	Somewhat likely (24)	Extremely likely (25)
Social Sciences/Humanities/Other (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Business/Economics (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Science/Technology/Engineering/Math (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

E2

2) Your supervisor (boss) would treat you differently because of your gender.

	Extremely unlikely (16)	Somewhat unlikely (17)	Neither likely nor unlikely (18)	Somewhat likely (24)	Extremely likely (25)
Social Sciences/Humanities/Other (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Business/Economics (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Science/Technology/Engineering/Math (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

E3

3) Your peers (coworkers) would treat you differently because of your gender.

	Extremely unlikely (16)	Somewhat unlikely (17)	Neither likely nor unlikely (18)	Somewhat likely (24)	Extremely likely (25)
Social Sciences/Humanities/Other (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Business/Economics (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Science/Technology/Engineering/Math (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Page Break

E4 Please indicate how much you agree with the following statements.

	Strongly disagree (6)	Somewhat disagree (7)	Neither agree nor disagree (8)	Somewhat agree (9)	Strongly agree (10)
A woman competing for a job in Social Sciences/Humanities/Other would need a higher GPA than an otherwise similar man to be competitive (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A woman competing for a job in Business/Economics would need a higher GPA than an otherwise similar man to be competitive (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A woman competing for a job in Science/Technology/Engineering/Math would need a higher GPA than an otherwise similar man to be competitive (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

End of Block: Opinion

Start of Block: Attention Checks

F1 Please indicate how much you agree with the following statements.

	Strongly disagree (1)	Somewhat disagree (2)	Neither agree nor disagree (3)	Somewhat agree (4)	Strongly agree (5)
I made each decision in this study carefully. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I made decisions in this study randomly. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I answered all questions the best I could. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Select the button that is the furthest to the left. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Select the button that is the furthest to the right. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

End of Block: Attention Checks

Start of Block: Email



G1 Thank you very much for your time. Your participation in this study is very valuable in understanding the experiences of ASU students.

Please provide your **ASURITE email** address and then click "Submit". This email address will not be used for any purpose other than sending the \$20 eGift card if you are selected in the drawing.

See below for where to find your ASURITE. Your ASURITE is the username you use to login into MyASU. The email must be of the form **asurite@asu.edu**.

☐ ASU email address: (1) _____

G0

.Skin #Buttons {text-align:center;}

End of Block: Email
