HWP 373 Food Politics and Nutrition Policy: How Government and Industry Impact Health (Lanou): Students are evaluated on their class engagement, multiple reading reflection papers, a mid-term exam, and their individual and team completion of a set of food and nutrition guidelines for the UNCA campus. They also complete and reflect on the fall cluster activities as 25% of their work for this course.

ECON 245 Land Economics: Connecting Land with People (Mathews): Students are evaluated based on their class engagement, homework assignments and a group project requiring them to integrate their learning with that of their classmates to develop and present (in writing and by teaching a one-day class session) a sustainable local food system.

SOC 385 Science and Technology: Engaging the Citizen in a World of Experts (Peterson): The course uses a combination of formal and informal writing assignments as well as team-based projects. Students make weekly entries on a class WIKI page, reflecting on the interactive labs; write 5 short formal papers summarizing and applying the sociological frameworks they are learning; conduct a semester-long ethnography examining the relationship between an expert or lay-person and a technological artifact of their choice, writing a 12 page paper examining their observations. This is in addition to their work in the Food for Thought Cluster joint activities, which typically count for about 20% of their grade.

Course and Cluster Evaluation

The courses and cluster are evaluated by an adapted SENCER-SALG given as a pre- and post-test. SALG questions were modified to assess student perception of the content and context of courses from non-science disciplines and to assess student perception on learning in the *Food for Thought* cluster projects and activities. Pre-test questions were repeated in the post-test in order to quantify changes in student perceptions before and after the specific course and *Food for Thought* cluster experience. Students are tracked by their Student ID Number in order to assess changes before and after each course and as students take various courses within the cluster.

Below is the adapted SENCER-SALG where the following sections were given to each course:

	CHEM	BIOL	HWP	HWP	HWP	ECO	SOC
	174	110	225	325	373	N 245	385
Pre-test Part 1 (Confidence in Natural Sciences)	X	X	X	X	X	X	X

Pre-test Part 2 (Confidence in the Discipline)	Chemistr y	Biolog y	Nutritio n Science	Nutritio n Policy	Patho- physiolog y	Econ- omics	Soc- iology
Pre-test Part 3 (Interest in Science)	X	X	X	X	X	X	X
Pre-test Part 4 (Interest in the Discipline)	Chemistr y	Biolog y	Nutritio n Science	Nutritio n Policy	Patho- physiolog y	Econ- omics	Soc- iology
Pre-test Part 5 (Science & Civic Engagement)	X	X	X	X	X	X	X
Pre-test Part 6 (Interest in this course)	X	X	X	X	X	X	X
Pre-test Part 7 (Food for Thought learning goals)	Fall	Sprin g	Fall & Spring	Spring	Fall	Fall	Sprin g
Pre-test Part 8 (Demographi c Information)	X	X	X	X	X	X	X

	CHEM	BIOL	HWP 225	HWP	HWP	ECO	SOC
Post-test Part	174	110	225	325	373	N 245	385
1 (Confidence in Natural	X	X	X	X	X	X	X
	Λ	Λ	Λ	Λ	Λ	Λ	Λ
Sciences) same as Pre-test Part 1							
Post-test Part							
2 (Confidence							
in the	Chemistr	Biolog	Nutritio	Nutritio	Patho-	Econ-	Soc-
Discipline)	у	у	n Science	n Policy	physiolog	omics	iology
same as Pre-test			Science		У		
Part 2							
Post-test Part							
3							
(Interest in	X	X	X	X	X	X	X
Science)							
same as Pre-test Part 3							
Post-test Part							
4							
(Interest in the	Chemistr	Biolog	Nutritio	Nutritio	Patho-	Econ-	Soc-
Discipline)	у	у	n Science	n Policy	physiolog	omics	iology
same as Pre-test			Science		У		
Part 4							
Post-test Part							
5 (Science &							
Civic	X	X	X	X	X	X	X
Engagement)							
same as Pre-test							
Part 5 Post-test Part							
6 (Interest in							
	X	X	X	X	X	X	X
this course) same as Pre-test							11
Part 6							
Post-test Part							
7 (Food for							
Thought		Sprin	Fall &				Sprin
learning	Fall	g	Spring	Spring	Fall	Fall	g
goals)		5	Spring				5
same as Pre-test							
Part 7							
Post-Test Part	37	37	37	37	37	37	3.7
8 (Student	X	X	X	X	X	X	X
Learning)	37	37	37	37	37	37	37
Post-Test Part	X	X	X	X	X	X	X

9 (Student Understanding							
)							
Post-Test Part 10 (Added Skills)	X	X	X	X	X	X	X
Post-Test Part 11 (Gains)	X	X	X	X	X	X	X
Post-Test Part 12 (Skills and Gains Carried to Other Courses)	X	X	X	X	X	X	X

Pre-Test Part One

In the following questions, please consider your experience with the <u>NATURAL SCIENCES</u>, (these might include biology, physics, chemistry, mathematics and engineering, for example).

1. Discuss scientific concepts	NA	Not	A little	Somewhat	Highly	Extremely
with my friends or family	_ ,	confident	confident	confident	confident	confident
2. Think critically about	NA	Not	A little	Somewhat	Highly	Extremely
scientific findings I read about		confident	confident	confident	confident	confident
in the media						
3. Determine what is – and is	NA	Not	A little	Somewhat	Highly	Extremely
not – valid scientific evidence		confident	confident	confident	confident	confident
4. Make an argument using	NA	Not	A little	Somewhat	Highly	Extremely
scientific evidence		confident	confident	confident	confident	confident
5. Determine the difference	NA	Not	A little	Somewhat	Highly	Extremely
between science and "pseudo-		confident	confident	confident	confident	confident
science"						
6. Interpret tables and graphs	NA	Not	A little	Somewhat	Highly	Extremely
		confident	confident	confident	confident	confident
7. Understand mathematical	NA	Not	A little	Somewhat	Highly	Extremely
and statistical formulas		confident	confident	confident	confident	confident
commonly found in scientific						
texts						
8. Find scientific journal	NA	Not	A little	Somewhat	Highly	Extremely
articles using library/internet		confident	confident	confident	confident	confident
databases						
9. Extract main points from a	NA	Not	A little	Somewhat	Highly	Extremely
scientific article and develop a		confident	confident	confident	confident	confident
coherent summary						
10. Give a presentation about	NA	Not	A little	Somewhat	Highly	Extremely
a science topic to my class		confident	confident	confident	confident	confident
11. Obtain scientific data in a	NA	Not	A little	Somewhat	Highly	Extremely
laboratory or field setting		confident	confident	confident	confident	confident

12. Understand how scientific research is carried out	NA	Not confident	A little confident	Somewhat confident	Highly confident	Extremely confident
13. Pose questions that can be addressed by collecting and evaluating scientific evidence	NA	Not confident	A little confident	Somewhat confident	Highly confident	Extremely confident
14. Organize a systematic search for relevant data to answer a question	NA	Not confident	A little confident	Somewhat confident	Highly confident	Extremely confident
15. Write reports using scientific data as evidence	NA	Not confident	A little confident	Somewhat confident	Highly confident	Extremely confident
16. Understand scientific processes behind important scientific issues in the media	NA	Not confident	A little confident	Somewhat confident	Highly confident	Extremely confident
17. Understand the science content of this course	NA	Not confident	A little confident	Somewhat confident	Highly confident	Extremely confident

Pre-Test Part Two - Chemistry

In the following questions, please consider your experience with the discipline of <u>CHEMISTRY</u>.

Presently, I am CONF			(please circ			
1. Discuss chemistry concepts	NA	Not	A little	Somewhat	Highly	Extremely
with my friends or family		confident	confident	confident	confident	confident
2. Think critically about	NA	Not	A little	Somewhat	Highly	Extremely
scientific findings I read about		confident	confident	confident	confident	confident
in the media						
3. Determine what is – and is	NA	Not	A little	Somewhat	Highly	Extremely
not – valid scientific evidence		confident	confident	confident	confident	confident
4. Make an argument using	NA	Not	A little	Somewhat	Highly	Extremely
scientific evidence		confident	confident	confident	confident	confident
5. Determine the difference	NA	Not	A little	Somewhat	Highly	Extremely
between science and "pseudo-		confident	confident	confident	confident	confident
science"						
6. Interpret tables and graphs	NA	Not	A little	Somewhat	Highly	Extremely
		confident	confident	confident	confident	confident
7. Understand mathematical	NA	Not	A little	Somewhat	Highly	Extremely
and statistical formulas		confident	confident	confident	confident	confident
commonly found in scientific						
texts						
8. Find scientific journal	NA	Not	A little	Somewhat	Highly	Extremely
articles using library/internet		confident	confident	confident	confident	confident
databases						
9. Extract main points from a	NA	Not	A little	Somewhat	Highly	Extremely
scientific article and develop a		confident	confident	confident	confident	confident
coherent summary						
10. Give a presentation about	NA	Not	A little	Somewhat	Highly	Extremely
a chemistry topic to my class		confident	confident	confident	confident	confident
11. Obtain scientific data in a	NA	Not	A little	Somewhat	Highly	Extremely
laboratory or field setting		C* 1			·	
12. Understand how scientific		confident	confident	confident	confident	confident
research is carried out	NA	Not	A little	confident Somewhat	confident Highly	confident Extremely
	NA					
13. Pose questions that can be	NA NA	Not	A little	Somewhat confident Somewhat	Highly	Extremely confident Extremely
addressed by collecting and		Not confident	A little confident	Somewhat confident	Highly confident	Extremely confident
		Not confident Not confident	A little confident A little	Somewhat confident Somewhat	Highly confident Highly confident	Extremely confident Extremely
addressed by collecting and evaluating scientific evidence 14.Organize a systematic		Not confident Not confident Not	A little confident A little confident A little	Somewhat confident Somewhat confident	Highly confident Highly confident Highly	Extremely confident Extremely confident Extremely
addressed by collecting and evaluating scientific evidence	NA	Not confident Not confident	A little confident A little confident	Somewhat confident Somewhat confident	Highly confident Highly confident	Extremely confident Extremely confident
addressed by collecting and evaluating scientific evidence 14.Organize a systematic search for relevant data to answer a question	NA NA	Not confident Not confident Not confident	A little confident A little confident A little confident A little confident	Somewhat confident Somewhat confident Somewhat confident	Highly confident Highly confident Highly confident	Extremely confident Extremely confident Extremely confident
addressed by collecting and evaluating scientific evidence 14.Organize a systematic search for relevant data to answer a question 15. Write reports using	NA	Not confident Not confident Not confident Not confident	A little confident A little confident A little	Somewhat confident Somewhat confident	Highly confident Highly confident Highly confident Highly Highly	Extremely confident Extremely confident Extremely confident Extremely confident
addressed by collecting and evaluating scientific evidence 14.Organize a systematic search for relevant data to answer a question	NA NA	Not confident Not confident Not confident	A little confident A little confident A little confident A little confident	Somewhat confident Somewhat confident Somewhat confident	Highly confident Highly confident Highly confident	Extremely confident Extremely confident Extremely confident
addressed by collecting and evaluating scientific evidence 14.Organize a systematic search for relevant data to answer a question 15. Write reports using chemical scientific data as evidence	NA NA NA	Not confident Not confident Not confident Not confident	A little confident	Somewhat confident Somewhat confident Somewhat confident Somewhat confident	Highly confident Highly confident Highly confident Highly confident	Extremely confident Extremely confident Extremely confident Extremely confident
addressed by collecting and evaluating scientific evidence 14.Organize a systematic search for relevant data to answer a question 15. Write reports using chemical scientific data as evidence 16. Understand chemical	NA NA	Not confident Not confident Not confident Not confident Not confident	A little confident A little	Somewhat confident Somewhat confident Somewhat confident Somewhat confident Somewhat confident	Highly confident Highly confident Highly confident Highly confident Highly confident Highly	Extremely confident Extremely confident Extremely confident Extremely confident Extremely confident
addressed by collecting and evaluating scientific evidence 14.Organize a systematic search for relevant data to answer a question 15. Write reports using chemical scientific data as evidence	NA NA NA	Not confident Not confident Not confident Not confident	A little confident	Somewhat confident Somewhat confident Somewhat confident Somewhat confident	Highly confident Highly confident Highly confident Highly confident	Extremely confident Extremely confident Extremely confident Extremely confident
addressed by collecting and evaluating scientific evidence 14.Organize a systematic search for relevant data to answer a question 15. Write reports using chemical scientific data as evidence 16. Understand chemical processes behind important scientific issues in the media	NA NA NA	Not confident Not confident Not confident Not confident Not confident	A little confident	Somewhat confident Somewhat confident Somewhat confident Somewhat confident Somewhat confident	Highly confident Highly confident Highly confident Highly confident Highly confident	Extremely confident Extremely confident Extremely confident Extremely confident Extremely confident
addressed by collecting and evaluating scientific evidence 14.Organize a systematic search for relevant data to answer a question 15. Write reports using chemical scientific data as evidence 16. Understand chemical processes behind important	NA NA NA	Not confident Not confident Not confident Not confident Not confident	A little confident A little	Somewhat confident Somewhat confident Somewhat confident Somewhat confident Somewhat confident	Highly confident Highly confident Highly confident Highly confident Highly confident Highly	Extremely confident Extremely confident Extremely confident Extremely confident Extremely confident

Pre-Test Part Two - Biology

In the following questions, please consider your experience with the discipline of $\overline{\text{BIOLOGY}}$.

Presently, I am CONFIDENT I C		rcie your respo		1
1. Discuss biology concepts NA No		Somewhat	Highly	Extremely
	nfident confident		confident	confident
2. Think critically about NA No		Somewhat	Highly	Extremely
scientific findings I read about con	nfident confident	confident	confident	confident
in the media				
3. Determine what is – and is NA No	t A little	Somewhat	Highly	Extremely
not – valid scientific evidence con	nfident confident	confident	confident	confident
4. Make an argument using NA No	t A little	Somewhat	Highly	Extremely
scientific evidence con	nfident confident	confident	confident	confident
5. Determine the difference NA No	t A little	Somewhat	Highly	Extremely
between science and "pseudo- con	nfident confident	confident	confident	confident
science"				
6. Interpret tables and graphs NA No	t A little	Somewhat	Highly	Extremely
con	nfident confident		confident	confident
7. Understand mathematical NA No	t A little	Somewhat	Highly	Extremely
and statistical formulas con	nfident confident	confident	confident	confident
commonly found in scientific				
texts				
8. Find scientific journal NA No	t A little	Somewhat	Highly	Extremely
articles using library/internet con	nfident confident	confident	confident	confident
databases				
9. Extract main points from a NA No	t A little	Somewhat	Highly	Extremely
scientific article and develop a con	nfident confident	confident	confident	confident
coherent summary				
10. Give a presentation about NA No	t A little	Somewhat	Highly	Extremely
a biology topic to my class con	nfident confident	confident	confident	confident
11. Obtain scientific data in a NA No				
	t A little	Somewhat	Highly	Extremely
	nfident confident		Highly confident	Extremely confident
laboratory or field settingcor12. Understand how scientificNANo	nfident confident			
12. Understand how scientific NA No	nfident confident	confident Somewhat	confident	confident
12. Understand how scientific NA No	nfident confident t A little nfident confident	confident Somewhat	confident Highly	confident Extremely
12. Understand how scientific research is carried out cor 13. Pose questions that can be addressed by collecting and cor	nfident confident t A little nfident confident	confident Somewhat confident Somewhat	confident Highly confident	confident Extremely confident
12. Understand how scientific research is carried out 13. Pose questions that can be addressed by collecting and evaluating scientific evidence	nfident confident t A little nfident confident t A little fident confident confident	confident Somewhat confident Somewhat confident	confident Highly confident Highly confident	confident Extremely confident Extremely
12. Understand how scientific research is carried out 13. Pose questions that can be addressed by collecting and evaluating scientific evidence 14. Organize a systematic NA No	nfident confident t A little nfident confident t A little nfident confident t A little nfident confident	confident Somewhat confident Somewhat confident Somewhat	confident Highly confident Highly confident Highly	confident Extremely confident Extremely confident Extremely
12. Understand how scientific research is carried out 13. Pose questions that can be addressed by collecting and evaluating scientific evidence 14. Organize a systematic NA No	nfident confident t A little nfident confident t A little fident confident confident	confident Somewhat confident Somewhat confident Somewhat	confident Highly confident Highly confident	confident Extremely confident Extremely confident
12. Understand how scientific research is carried out 13. Pose questions that can be addressed by collecting and evaluating scientific evidence 14. Organize a systematic search for relevant data to answer a question	nfident confident t A little nfident confident	confident Somewhat confident Somewhat confident Somewhat confident	confident Highly confident Highly confident Highly confident Confident	confident Extremely confident Extremely confident Extremely confident
12. Understand how scientific research is carried out 13. Pose questions that can be addressed by collecting and evaluating scientific evidence 14. Organize a systematic search for relevant data to answer a question 15. Write reports using NA No contact NA No NA NO NA NO NA NO NA	nfident confident t A little	confident Somewhat confident Somewhat confident Somewhat	confident Highly confident Highly confident Highly confident Highly Highly	confident Extremely confident Extremely confident Extremely confident Extremely confident
12. Understand how scientific research is carried out 13. Pose questions that can be addressed by collecting and evaluating scientific evidence 14. Organize a systematic search for relevant data to answer a question 15. Write reports using NA No control NA No No NA	nfident confident t A little nfident confident	confident Somewhat confident Somewhat confident Somewhat confident Somewhat	confident Highly confident Highly confident Highly confident Confident	confident Extremely confident Extremely confident Extremely confident
12. Understand how scientific research is carried out 13. Pose questions that can be addressed by collecting and evaluating scientific evidence 14. Organize a systematic search for relevant data to answer a question 15. Write reports using biological scientific data as evidence	nfident confident t A little nfident confident	confident Somewhat confident Somewhat confident Somewhat confident Somewhat confident	confident Highly confident Highly confident Highly confident Highly confident	confident Extremely confident Extremely confident Extremely confident Extremely confident
12. Understand how scientific research is carried out 13. Pose questions that can be addressed by collecting and evaluating scientific evidence 14. Organize a systematic search for relevant data to answer a question 15. Write reports using biological scientific data as evidence 16. Understand biological NA No conservidence	nfident confident t A little nfident confident	confident Somewhat confident Somewhat confident Somewhat confident Somewhat confident Somewhat confident	confident Highly confident Highly confident Highly confident Highly confident Highly tonfident Highly	confident Extremely confident Extremely confident Extremely confident Extremely confident Extremely confident
12. Understand how scientific research is carried out 13. Pose questions that can be addressed by collecting and evaluating scientific evidence 14. Organize a systematic search for relevant data to answer a question 15. Write reports using biological scientific data as evidence 16. Understand biological NA No conservidence	nfident confident t A little nfident confident	confident Somewhat confident Somewhat confident Somewhat confident Somewhat confident Somewhat confident	confident Highly confident Highly confident Highly confident Highly confident	confident Extremely confident Extremely confident Extremely confident Extremely confident
12. Understand how scientific research is carried out 13. Pose questions that can be addressed by collecting and evaluating scientific evidence 14. Organize a systematic search for relevant data to answer a question 15. Write reports using biological scientific data as evidence 16. Understand biological processes behind important scientific issues in the media	nfident confident t A little nfident confident t Confident	confident Somewhat confident Somewhat confident Somewhat confident Somewhat confident Somewhat confident	confident Highly confident Highly confident Highly confident Highly confident Highly confident Highly confident	confident Extremely confident Extremely confident Extremely confident Extremely confident Extremely confident
12. Understand how scientific research is carried out 13. Pose questions that can be addressed by collecting and evaluating scientific evidence 14. Organize a systematic search for relevant data to answer a question 15. Write reports using biological scientific data as evidence 16. Understand biological processes behind important	nfident confident t A little nfident confident t Confident	confident Somewhat confident Somewhat confident Somewhat confident Somewhat confident Somewhat confident	confident Highly confident Highly confident Highly confident Highly confident Highly tonfident Highly	confident Extremely confident Extremely confident Extremely confident Extremely confident Extremely confident

Pre-Test Part Two – Nutrition Science

In the following questions, please consider your experience with the discipline of NUTRITION SCIENCE.

Presently, I am CONF.				ele your respo		1
1. Discuss nutrition science	NA	Not	A little	Somewhat	Highly	Extremely
concepts with my friends or		confident	confident	confident	confident	confident
family						
2. Think critically about	NA	Not	A little	Somewhat	Highly	Extremely
scientific findings I read about		confident	confident	confident	confident	confident
in the media						
3. Determine what is – and is	NA	Not	A little	Somewhat	Highly	Extremely
not – valid scientific evidence	1,111	confident	confident	confident	confident	confident
4. Make an argument using	NA	Not	A little	Somewhat	Highly	Extremely
scientific evidence	1111	confident	confident	confident	confident	confident
5. Determine the difference	NA	Not	A little	Somewhat	Highly	Extremely
between science and "pseudo-	1 17 1	confident	confident	confident	confident	confident
science"		Communit	Confident	Commucin	Confident	Connacii
6. Interpret tables and graphs	NA	Not	A little	Somewhat	Highly	Extremely
o. Thier pret tables and graphs	11/7	confident	confident	confident	confident	confident
7. Understand mathematical	NA	Not	A little	Somewhat	Highly	Extremely
and statistical formulas	INA	confident	confident	confident	confident	confident
		confident	confident	confident	confident	confident
commonly found in scientific						
texts	NT A	NI.	A 1541.	C 1 4	TT: -1.1	E 41
8. Find scientific journal	NA	Not	A little	Somewhat	Highly	Extremely
articles using library/internet		confident	confident	confident	confident	confident
databases	37.4	3 T (A 111	G 1 .	TT' 11	D . 1
9. Extract main points from a	NA	Not	A little	Somewhat	Highly	Extremely
scientific article and develop a		confident	confident	confident	confident	confident
coherent summary	371			~ .		- 1
10. Give a presentation about	NA	Not	A little	Somewhat	Highly	Extremely
a nutrition science topic to my		confident	confident	confident	confident	confident
class						
11. Obtain scientific data in a	NA	Not	A little	Somewhat	Highly	Extremely
laboratory or field setting		confident	confident	confident	confident	confident
12. Understand how scientific	NA	Not	A little	Somewhat	Highly	Extremely
research is carried out		confident	confident	confident	confident	confident
13. Pose questions that can be	NA	Not	A little	Somewhat	Highly	Extremely
addressed by collecting and		confident	confident	confident	confident	confident
evaluating scientific evidence						
14.Organize a systematic	NA	Not	A little	Somewhat	Highly	Extremely
search for relevant data to		confident	confident	confident	confident	confident
answer a question						
15. Write reports using	NA	Not	A little	Somewhat	Highly	Extremely
nutrition science data as		confident	confident	confident	confident	confident
evidence						
16. Understand nutrition	NA	Not	A little	Somewhat	Highly	Extremely
science behind important		confident	confident	confident	confident	confident
scientific issues in the media						
17. Understand the nutrition	NA	Not	A little	Somewhat	Highly	Extremely
science content of this course		confident	confident	confident	confident	confident

Pre-Test Part Two – Nutrition Policy

In the following questions, please consider your experience with the discipline of <u>NUTRITION POLICY</u>.

Trescritiy, I am CONT				cic your respo		1
1. Discuss nutrition policy	NA	Not	A little	Somewhat	Highly	Extremely
concepts with my friends or		confident	confident	confident	confident	confident
family						
2. Think critically about	NA	Not	A little	Somewhat	Highly	Extremely
scientific findings I read about		confident	confident	confident	confident	confident
in the media						
3. Determine what is – and is	NA	Not	A little	Somewhat	Highly	Extremely
not – valid scientific evidence	1111	confident	confident	confident	confident	confident
4. Make an argument using	NA	Not	A little	Somewhat	Highly	Extremely
scientific evidence	1 1/1 1	confident	confident	confident	confident	confident
5. Determine the difference	NA	Not	A little	Somewhat	Highly	Extremely
	INA	confident	confident	confident	confident	confident
between science and "pseudo-		confident	Confident	confident	confident	confident
science"	NT A	NT 4	A 1'441	G 1 4	TT: 1.1	E 4 1
6. Interpret tables and graphs	NA	Not	A little	Somewhat	Highly	Extremely
	37.	confident	confident	confident	confident	confident
7. Understand mathematical	NA	Not	A little	Somewhat	Highly	Extremely
and statistical formulas		confident	confident	confident	confident	confident
commonly found in scientific						
texts						
8. Find scientific journal	NA	Not	A little	Somewhat	Highly	Extremely
articles using library/internet		confident	confident	confident	confident	confident
databases						
9. Extract main points from a	NA	Not	A little	Somewhat	Highly	Extremely
scientific article and develop a		confident	confident	confident	confident	confident
coherent summary						
10. Give a presentation about	NA	Not	A little	Somewhat	Highly	Extremely
a nutrition policy topic to my		confident	confident	confident	confident	confident
class						
11. Obtain scientific data in a	NA	Not	A little	Somewhat	Highly	Extremely
laboratory or field setting		confident	confident	confident	confident	confident
12. Understand how scientific	NA	Not	A little	Somewhat	Highly	Extremely
research is carried out		confident	confident	confident	confident	confident
13. Pose questions that can be	NA	Not	A little	Somewhat	Highly	Extremely
addressed by collecting and		confident	confident	confident	confident	confident
evaluating scientific evidence		• • • • • • • • • • • • • • • • • • • •	Commedia	•	•	
14.Organize a systematic	NA	Not	A little	Somewhat	Highly	Extremely
search for relevant data to	1 1/2 1	confident	confident	confident	confident	confident
answer a question		Communit	Confident	Communit	Connacii	Communit
15. Write reports using	NA	Not	A little	Somewhat	Highly	Extremely
nutrition policy data as	INA	confident	confident	confident	confident	confident
		confident	Communit	Commuent	Commuent	Comident
evidence	NIA	Not	A 1:441 -	Camazzalas	TT: «1»1»	E-strong al
16. Understand nutrition	NA	Not	A little	Somewhat	Highly	Extremely
policy behind important		confident	confident	confident	confident	confident
scientific issues in the media						ļ
17. Understand the nutrition	NA	Not	A little	Somewhat	Highly	Extremely
policy content of this course		confident	confident	confident	confident	confident

Pre-Test Part Two – Pathyphysiology

In the following questions, please consider your experience with the discipline of <u>PATHYPHYSIOLOGY OF CHRONIC DISEASE</u>.

1 Discuss nathymbysiology			A little	Somewhat		Extramalx
1. Discuss pathyphysiology	NA	Not	A little		Highly	Extremely
concepts with my friends or		confident	confident	confident	confident	confident
family						
2. Think critically about	NA	Not	A little	Somewhat	Highly	Extremely
scientific findings I read about		confident	confident	confident	confident	confident
in the media						
3. Determine what is – and is	NA	Not	A little	Somewhat	Highly	Extremely
not – valid scientific evidence	1121	confident	confident	confident	confident	confident
*	NA	Not	A little	Somewhat		Extremely
4. Make an argument using	NA				Highly	
scientific evidence		confident	confident	confident	confident	confident
5. Determine the difference	NA	Not	A little	Somewhat	Highly	Extremely
between science and "pseudo-		confident	confident	confident	confident	confident
science"						
6. Interpret tables and graphs	NA	Not	A little	Somewhat	Highly	Extremely
		confident	confident	confident	confident	confident
7. Understand mathematical	NA	Not	A little	Somewhat	Highly	Extremely
and statistical formulas	1 12 1	confident	confident	confident	confident	confident
commonly found in scientific		Communit	Confident	Communit	Communit	Confident
1						
texts	NT A	NI.4	A 114/1	G 1	TE: -1.1	E 4 1
8. Find scientific journal	NA	Not	A little	Somewhat	Highly	Extremely
articles using library/internet		confident	confident	confident	confident	confident
databases						
9. Extract main points from a	NA	Not	A little	Somewhat	Highly	Extremely
scientific article and develop a		confident	confident	confident	confident	confident
coherent summary						
10. Give a presentation about	NA	Not	A little	Somewhat	Highly	Extremely
a pathyphysiology topic to my		confident	confident	confident	confident	confident
class		Communic	Communit	•	•	Commission
11. Obtain scientific data in a	NA	Not	A little	Somewhat	Highly	Extremely
laboratory or field setting	1171	confident	confident	confident	confident	confident
12. Understand how scientific	NA	Not	A little	Somewhat	Highly	Extremely
	INA					
research is carried out	27.4	confident	confident	confident	confident	confident
13. Pose questions that can be	NA	Not	A little	Somewhat	Highly	Extremely
addressed by collecting and		confident	confident	confident	confident	confident
evaluating scientific evidence						
14.Organize a systematic	NA	Not	A little	Somewhat	Highly	Extremely
search for relevant data to		confident	confident	confident	confident	confident
answer a question						
15. Write reports using	NA	Not	A little	Somewhat	Highly	Extremely
pathyphysiology data as		confident	confident	confident	confident	confident
evidence						
16. Understand	NA	Not	A little	Somewhat	Highly	Extremely
pathyphysiology behind	1 1/1	confident	confident	confident	confident	confident
important scientific issues in		Communit	Communit	Communit	Communit	Communit
the media	NT A	NI.4	A 15441	G 1	TE:-1.1	E 4 1
17. Understand the	NA	Not	A little	Somewhat	Highly	Extremely
pathyphysiology content of		confident	confident	confident	confident	confident
this course						

Pre-Test Part Two – Land Economics

In the following questions, please consider your experience with the discipline of <u>ECONOMICS</u>.

Tresentry, Fam CONT	DLI	1 1 Cuii	(prease en	cic your respo		
1. Discuss economics concepts	NA	Not	A little	Somewhat	Highly	Extremely
with my friends or family		confident	confident	confident	confident	confident
2. Think critically about social	NA	Not	A little	Somewhat	Highly	Extremely
scientific findings I read about		confident	confident	confident	confident	confident
in the media						
3. Determine what is – and is	NA	Not	A little	Somewhat	Highly	Extremely
not – valid social scientific		confident	confident	confident	confident	confident
evidence						
4. Make an argument using	NA	Not	A little	Somewhat	Highly	Extremely
social scientific evidence	1,111	confident	confident	confident	confident	confident
5. Determine the difference	NA	Not	A little	Somewhat	Highly	Extremely
between science and "pseudo-	11/1	confident	confident	confident	confident	confident
science"		Communit	Confident	Communit	Communit	Commucin
6. Interpret tables and graphs	NA	Not	A little	Somewhat	Highly	Extremely
o. Thici pret tables and graphs	INA	confident	confident	confident	confident	confident
7. Understand mathematical	NT A	Not	A little	Somewhat		
	NA				Highly	Extremely
and statistical formulas		confident	confident	confident	confident	confident
commonly found in social						
science texts						
8. Find social scientific journal	NA	Not	A little	Somewhat	Highly	Extremely
articles using library/internet		confident	confident	confident	confident	confident
databases						
9. Extract main points from a	NA	Not	A little	Somewhat	Highly	Extremely
social science article and		confident	confident	confident	confident	confident
develop a coherent summary						
10. Give a presentation about	NA	Not	A little	Somewhat	Highly	Extremely
a economics topic to my class		confident	confident	confident	confident	confident
11. Obtain social scientific	NA	Not	A little	Somewhat	Highly	Extremely
data in a laboratory or field		confident	confident	confident	confident	confident
setting						
12. Understand how social	NA	Not	A little	Somewhat	Highly	Extremely
science research is carried out		confident	confident	confident	confident	confident
13. Pose questions that can be	NA	Not	A little	Somewhat	Highly	Extremely
addressed by collecting and		confident	confident	confident	confident	confident
evaluating social science						
evidence						
14.Organize a systematic	NA	Not	A little	Somewhat	Highly	Extremely
search for relevant data to		confident	confident	confident	confident	confident
answer a question						
15. Write reports using	NA	Not	A little	Somewhat	Highly	Extremely
economic data as evidence		confident	confident	confident	confident	confident
16. Understand economics	NA	Not	A little	Somewhat	Highly	Extremely
behind important scientific		confident	confident	confident	confident	confident
issues in the media						
17. Understand the economics	NA	Not	A little	Somewhat	Highly	Extremely
content of this course		confident	confident	confident	confident	confident
	I					

Pre-Test Part Two – Sociology (Science and Technology)

In the following questions, please consider your experience with the discipline of <u>SOCIOLOGY</u>.

Presently, I am CONF.			<u> </u>	cie your respo	,	1
1. Discuss sociology concepts	NA	Not	A little	Somewhat	Highly	Extremely
with my friends or family		confident	confident	confident	confident	confident
2. Think critically about social	NA	Not	A little	Somewhat	Highly	Extremely
scientific findings I read about		confident	confident	confident	confident	confident
in the media						
3. Determine what is – and is	NA	Not	A little	Somewhat	Highly	Extremely
not – valid social scientific		confident	confident	confident	confident	confident
evidence						
4. Make an argument using	NA	Not	A little	Somewhat	Highly	Extremely
social scientific evidence		confident	confident	confident	confident	confident
5. Determine the difference	NA	Not	A little	Somewhat	Highly	Extremely
between science and "pseudo-	1111	confident	confident	confident	confident	confident
science"		Communit	Commucini	Communic	Communit	Communit
6. Interpret tables and graphs	NA	Not	A little	Somewhat	Highly	Extremely
or interpret tubies and graphs	1 1/1	confident	confident	confident	confident	confident
7. Understand mathematical	NA	Not	A little	Somewhat	Highly	Extremely
and statistical formulas	11/1	confident	confident	confident	confident	confident
commonly found in social		Communit	Commucin	Commucin	Communit	Confident
science texts						
	NA	Not	A little	Somewhat	Highly	E-stuamala.
8. Find social scientific journal	NA	confident	confident	confident	confident	Extremely confident
articles using library/internet		confident	Confident	confident	confident	Confident
databases	NT A	Not	A little	C 1	TT: -1.1	E 41
9. Extract main points from a	NA			Somewhat	Highly	Extremely
social science article and		confident	confident	confident	confident	confident
develop a coherent summary	NT A	NT 4	A 1'441	C 1 4	TT' 1.1	E (1
10. Give a presentation about	NA	Not	A little	Somewhat	Highly	Extremely
a sociology topic to my class	27.4	confident	confident	confident	confident	confident
11. Obtain social scientific	NA	Not	A little	Somewhat	Highly	Extremely
data in a laboratory or field		confident	confident	confident	confident	confident
setting	374	37	4 454		*** 11	77 . 1
12. Understand how social	NA	Not	A little	Somewhat	Highly	Extremely
science research is carried out	27.	confident	confident	confident	confident	confident
13. Pose questions that can be	NA	Not	A little	Somewhat	Highly	Extremely
addressed by collecting and		confident	confident	confident	confident	confident
evaluating social science						
evidence						
14.Organize a systematic	NA	Not	A little	Somewhat	Highly	Extremely
search for relevant data to		confident	confident	confident	confident	confident
answer a question					<u> </u>	
15. Write reports using	NA	Not	A little	Somewhat	Highly	Extremely
sociological data as evidence		confident	confident	confident	confident	confident
16. Understand sociology	NA	Not	A little	Somewhat	Highly	Extremely
behind important scientific		confident	confident	confident	confident	confident
issues in the media						
17. Understand the sociology	NA	Not	A little	Somewhat	Highly	Extremely
content of this course		confident	confident	confident	confident	confident
	_					

Pre-Test Part Three

Presently, I am interested in ... (please circle your response)

resency; rum interested in (prease entere your response)									
1. Discussing science with	NA	Not at all	A little	Somewhat	Highly	Extremely			
friends or family		interested	interested	interested	interested	interested			
2. Reading about science and	NA	Not at all	A little	Somewhat	Highly	Extremely			
its relation to civic issues		interested	interested	interested	interested	interested			
3. Reading articles about	NA	Not at all	A little	Somewhat	Highly	Extremely			
science in magazines, journals		interested	interested	interested	interested	interested			
or on the internet									
4. Taking additional science	NA	Not at all	A little	Somewhat	Highly	Extremely			
courses		interested	interested	interested	interested	interested			
5. Majoring in a science-	NA	Not at all	A little	Somewhat	Highly	Extremely			
related field		interested	interested	interested	interested	interested			
6. Exploring career	NA	Not at all	A little	Somewhat	Highly	Extremely			
opportunities in science		interested	interested	interested	interested	interested			
7. Joining a science club or	NA	Not at all	A little	Somewhat	Highly	Extremely			
organization		interested	interested	interested	interested	interested			
8. Attending graduate school	NA	Not at all	A little	Somewhat	Highly	Extremely			
in a science-related field		interested	interested	interested	interested	interested			
9. Teaching science	NA	Not at all	A little	Somewhat	Highly	Extremely			
		interested	interested	interested	interested	interested			

Pre-Test Part Four - Chemistry

1. Discussing chemistry with	NA	Not at all	A little	Somewhat	Highly	Extremely
friends or family		interested	interested	interested	interested	interested
2. Reading about chemistry	NA	Not at all	A little	Somewhat	Highly	Extremely
and its relation to civic issues		interested	interested	interested	interested	interested
3. Reading articles about	NA	Not at all	A little	Somewhat	Highly	Extremely
chemistry in magazines,		interested	interested	interested	interested	interested
journals or on the internet						
4. Taking additional chemistry	NA	Not at all	A little	Somewhat	Highly	Extremely
courses after this one		interested	interested	interested	interested	interested
5. Majoring in a chemistry-	NA	Not at all	A little	Somewhat	Highly	Extremely
related field		interested	interested	interested	interested	interested
6. Exploring career	NA	Not at all	A little	Somewhat	Highly	Extremely
opportunities in chemistry		interested	interested	interested	interested	interested
7. Joining a chemistry club or	NA	Not at all	A little	Somewhat	Highly	Extremely
organization		interested	interested	interested	interested	interested
8. Attending graduate school	NA	Not at all	A little	Somewhat	Highly	Extremely
in a chemistry-related field		interested	interested	interested	interested	interested
9. Teaching chemistry	NA	Not at all	A little	Somewhat	Highly	Extremely
		interested	interested	interested	interested	interested

Pre-Test Part Four - Biology

Presently, I am interested in ... (please circle your response)

1. Discussing biology with	NA	Not at all	A little	Somewhat	Highly	Extremely
friends or family		interested	interested	interested	interested	interested
2. Reading about biology and	NA	Not at all	A little	Somewhat	Highly	Extremely
its relation to civic issues		interested	interested	interested	interested	interested
3. Reading articles about	NA	Not at all	A little	Somewhat	Highly	Extremely
biology in magazines, journals		interested	interested	interested	interested	interested
or on the internet						
4. Taking additional biology	NA	Not at all	A little	Somewhat	Highly	Extremely
courses after this one		interested	interested	interested	interested	interested
5. Majoring in a biology-	NA	Not at all	A little	Somewhat	Highly	Extremely
related field		interested	interested	interested	interested	interested
6. Exploring career	NA	Not at all	A little	Somewhat	Highly	Extremely
opportunities in biology		interested	interested	interested	interested	interested
7. Joining a biology club or	NA	Not at all	A little	Somewhat	Highly	Extremely
organization		interested	interested	interested	interested	interested
8. Attending graduate school	NA	Not at all	A little	Somewhat	Highly	Extremely
in a biology-related field		interested	interested	interested	interested	interested
9. Teaching biology	NA	Not at all	A little	Somewhat	Highly	Extremely
		interested	interested	interested	interested	interested

Pre-Test Part Four – Nutrition Science

1. Discussing nutrition science	NA	Not at all	A little	Somewhat	Highly	Extremely
with friends or family		interested	interested	interested	interested	interested
2. Reading about nutrition	NA	Not at all	A little	Somewhat	Highly	Extremely
science and its relation to civic		interested	interested	interested	interested	interested
issues						
3. Reading articles about	NA	Not at all	A little	Somewhat	Highly	Extremely
nutrition science in magazines,		interested	interested	interested	interested	interested
journals or on the internet						
4. Taking additional nutrition	NA	Not at all	A little	Somewhat	Highly	Extremely
science courses after this one		interested	interested	interested	interested	interested
5. Majoring in a nutrition	NA	Not at all	A little	Somewhat	Highly	Extremely
science-related field		interested	interested	interested	interested	interested
6. Exploring career	NA	Not at all	A little	Somewhat	Highly	Extremely
opportunities in nutrition		interested	interested	interested	interested	interested
science						
7. Joining a nutrition science	NA	Not at all	A little	Somewhat	Highly	Extremely
club or organization		interested	interested	interested	interested	interested
8. Attending graduate school	NA	Not at all	A little	Somewhat	Highly	Extremely
in a nutrition science-related		interested	interested	interested	interested	interested
field						
9. Teaching nutrition science	NA	Not at all	A little	Somewhat	Highly	Extremely
		interested	interested	interested	interested	interested

Pre-Test Part Four – Nutrition Policy

Presently, I am interested in ... (please circle your response)

1. Discussing nutrition policy	NA	Not at all	A little	Somewhat	Highly	Extremely
with friends or family	1 112 1	interested	interested	interested	interested	interested
	27.4					
2. Reading about nutrition	NA	Not at all	A little	Somewhat	Highly	Extremely
policy and its relation to civic		interested	interested	interested	interested	interested
issues						
3. Reading articles about	NA	Not at all	A little	Somewhat	Highly	Extremely
nutrition policy in magazines,		interested	interested	interested	interested	interested
journals or on the internet						
4. Taking additional nutrition	NA	Not at all	A little	Somewhat	Highly	Extremely
policy courses after this one		interested	interested	interested	interested	interested
5. Majoring in a nutrition	NA	Not at all	A little	Somewhat	Highly	Extremely
policy-related field		interested	interested	interested	interested	interested
6. Exploring career	NA	Not at all	A little	Somewhat	Highly	Extremely
opportunities in nutrition		interested	interested	interested	interested	interested
policy						
7. Joining a nutrition policy	NA	Not at all	A little	Somewhat	Highly	Extremely
club or organization		interested	interested	interested	interested	interested
8. Attending graduate school	NA	Not at all	A little	Somewhat	Highly	Extremely
in a nutrition policy-related		interested	interested	interested	interested	interested
field						
9. Teaching nutrition policy	NA	Not at all	A little	Somewhat	Highly	Extremely
		interested	interested	interested	interested	interested

Pre-Test Part Four – Pathophysiology

1. Discussing pathyphysiology	NA	Not at all	A little	Somewhat	Highly	Extremely
with friends or family		interested	interested	interested	interested	interested
2. Reading about	NA	Not at all	A little	Somewhat	Highly	Extremely
pathyphysiology and its		interested	interested	interested	interested	interested
relation to civic issues						
3. Reading articles about	NA	Not at all	A little	Somewhat	Highly	Extremely
pathyphysiology in magazines,		interested	interested	interested	interested	interested
journals or on the internet						
4. Taking additional	NA	Not at all	A little	Somewhat	Highly	Extremely
pathyphysiology courses after		interested	interested	interested	interested	interested
this one						
5. Majoring in a	NA	Not at all	A little	Somewhat	Highly	Extremely
pathyphysiology-related field		interested	interested	interested	interested	interested
6. Exploring career	NA	Not at all	A little	Somewhat	Highly	Extremely
opportunities in		interested	interested	interested	interested	interested
pathyphysiology						
7. Joining a pathyphysiology	NA	Not at all	A little	Somewhat	Highly	Extremely
club or organization		interested	interested	interested	interested	interested
8. Attending graduate school	NA	Not at all	A little	Somewhat	Highly	Extremely
in a pathyphysiology-related		interested	interested	interested	interested	interested
field						
9. Teaching pathyphysiology	NA	Not at all	A little	Somewhat	Highly	Extremely
		interested	interested	interested	interested	interested

Pre-Test Part Four - Economics

Presently, I am interested in ... (please circle your response)

1. Discussing economics with	NA	Not at all	A little	Somewhat	Highly	Extremely
friends or family	1121	interested	interested	interested	interested	interested
2. Reading about economics	NA	Not at all	A little	Somewhat	Highly	Extremely
and its relation to civic issues		interested	interested	interested	interested	interested
3. Reading articles about	NA	Not at all	A little	Somewhat	Highly	Extremely
economics in magazines,		interested	interested	interested	interested	interested
journals or on the internet						
4. Taking additional	NA	Not at all	A little	Somewhat	Highly	Extremely
economics courses after this		interested	interested	interested	interested	interested
one						
5. Majoring in an economics -	NA	Not at all	A little	Somewhat	Highly	Extremely
related field		interested	interested	interested	interested	interested
6. Exploring career	NA	Not at all	A little	Somewhat	Highly	Extremely
opportunities in economics		interested	interested	interested	interested	interested
7. Joining an economics club	NA	Not at all	A little	Somewhat	Highly	Extremely
or organization		interested	interested	interested	interested	interested
8. Attending graduate school	NA	Not at all	A little	Somewhat	Highly	Extremely
in an economics -related field		interested	interested	interested	interested	interested
9. Teaching economics	NA	Not at all	A little	Somewhat	Highly	Extremely
		interested	interested	interested	interested	interested

Pre-Test Part Four - Sociology

1. Discussing sociology with	NA	Not at all	A little	Somewhat	Highly	Extremely
friends or family		interested	interested	interested	interested	interested
2. Reading about sociology	NA	Not at all	A little	Somewhat	Highly	Extremely
and its relation to civic issues		interested	interested	interested	interested	interested
3. Reading articles about	NA	Not at all	A little	Somewhat	Highly	Extremely
sociology in magazines,		interested	interested	interested	interested	interested
journals or on the internet						
4. Taking additional sociology	NA	Not at all	A little	Somewhat	Highly	Extremely
courses after this one		interested	interested	interested	interested	interested
5. Majoring in a sociology-	NA	Not at all	A little	Somewhat	Highly	Extremely
related field		interested	interested	interested	interested	interested
6. Exploring career	NA	Not at all	A little	Somewhat	Highly	Extremely
opportunities in sociology		interested	interested	interested	interested	interested
7. Joining a sociology club or	NA	Not at all	A little	Somewhat	Highly	Extremely
organization		interested	interested	interested	interested	interested
8. Attending graduate school	NA	Not at all	A little	Somewhat	Highly	Extremely
in a sociology-related field		interested	interested	interested	interested	interested
9. Teaching sociology	NA	Not at all	A little	Somewhat	Highly	Extremely
		interested	interested	interested	interested	interested

Pre-Test Part Five

In the past year, how often have you ... (please circle your response)

In the past year, now o	TICH H	ave you	(picase c	ficic your res	sponse)	
1. Discussed a science-related	NA	Never	Once	Twice	Three	More than
issue informally					times	three times
2. Discussed a civic or political	NA	Never	Once	Twice	Three	More than
issue informally					times	three times
3. Read a science-related	NA	Never	Once	Twice	Three	More than
magazine not required by					times	three times
class						
4. Written a letter or emailed	NA	Never	Once	Twice	Three	More than
a public official about a civic					times	three times
or political issue						
5. Written a letter or emailed	NA	Never	Once	Twice	Three	More than
a public official about a					times	three times
science-related issue						
6. Talked with a public official	NA	Never	Once	Twice	Three	More than
about a civic or science-					times	three times
related issue						
7. Debated or offered public	NA	Never	Once	Twice	Three	More than
comment on a scientific issue					times	three times
8. Debated or offered public	NA	Never	Once	Twice	Three	More than
comment on a civic or political					times	three times
issue						
9. Attended a meeting, rally,	NA	Never	Once	Twice	Three	More than
or protest about a civic or					times	three times
political issue						
10. Written a letter to the	NA	Never	Once	Twice	Three	More than
editor about a civic issue or					times	three times
political issue						
11. Written a letter to the	NA	Never	Once	Twice	Three	More than
editor about a science-related					times	three times
issue						

Pre-Test Part Six

Please tell us why you are taking this course. (please circle your response)

riease ten us why you are taking this course. (please chele your response)								
1. It is required and I am	NA	Strongly	Disagree	Neutral	Agree	Strongly		
interested in the topic of the		disagree				agree		
course								
2. It is required but I am not	NA	Strongly	Disagree	Neutral	Agree	Strongly		
interested in the topic of the		disagree				agree		
course								
3. It is not required but I am	NA	Strongly	Disagree	Neutral	Agree	Strongly		
interested in the topic of the		disagree				agree		
course								
4. The course fits my schedule	NA	Strongly	Disagree	Neutral	Agree	Strongly		
		disagree				agree		
5. It is a prerequisite for	NA	Strongly	Disagree	Neutral	Agree	Strongly		
another course		disagree				agree		
6. I heard good things about	NA	Strongly	Disagree	Neutral	Agree	Strongly		
the teacher		disagree				agree		

7. I was drawn to a science course that promised to address civic issues	NA	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
8. I was drawn to a course that promised to apply science to real world issues	NA	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
9. I did not know that the course addressed civic topics	NA	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
10. I am interested in the Food for Thought ILS Cluster 9	NA	Strongly disagree	Disagree	Neutral	Agree	Strongly agree

Pre-Test Part Seven - Fall

Please tell us why you are taking this course. (please circle your response)

1. I have a good understanding of the chemistry of food	NA	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
2. I have a good understand of how food works in my body	NA	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
3. I have a good understanding of how my food choices impact society	NA	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
4. I have a good understanding of how food production and distribution shapes my food choices.	NA	Strongly disagree	Disagree	Neutral	Agree	Strongly agree

5. Please list the food issues that interest you most:

1.

2.

3.

Pre-Test Part Seven - Spring

Please tell us why you are taking this course. (please circle your response)

1. I have a good	NA	Strongly	Disagree	Neutral	Agree	Strongly
understanding of the		disagree				agree
chemistry of food						
2. I have a good understand of	NA	Strongly	Disagree	Neutral	Agree	Strongly
how food works in my body		disagree				agree
3. I have a good	NA	Strongly	Disagree	Neutral	Agree	Strongly
understanding of how my food		disagree				agree
choices impact society						
4. I have a good	NA	Strongly	Disagree	Neutral	Agree	Strongly
understanding of how food		disagree				agree
production and distribution						
shapes my food choices.						

	5. Please list the food issues that interest you most:
	1.
	2.
	3.
re-	Test Part Eight
	Please circle your response.
	1. What is your gender?
	a. Male
	b. Female
	c. Other
	2. What is your age group?
	a. 18 or younger
	b. 19-21
	c. 22-30
	d. 31-40 e. 41-49
	f. Over 50
	3. What is your ethnic designation?
	a. White/Caucasian
	b. Black/African American
	c. Hispanic or Latino/not White
	d. Native American
	e. Asian or Pacific Islander
	f. Other
	4. What best characterizes your status as having selected a discipline-based major in college?
	(check all that apply if you are considering a double major)
	a. Science major
	b. Social science major
	c. Humanities major d. Undecided at this time.
	5. What level are you at in college?
	a. Freshman
	b. Sophomore
	c. Junior
	d. Senior
	e. Post-graduate
	f. Not a degree-seeking student at this time
	6. Are you in a teacher preparation program?
	a. Yes
	n INO

c. Undecided at this time.

- 7. What is your current GPA in a system that assumes a 4.00 as an A (highest score possible)?
- a. 4.00-3.60
- b. 3.01-3.59
- c. 2.51-3.00
- d. 2.01-2.50
- e. 2.00 or lower
- 8. How many college-level natural science (these might include biology, physics, chemistry, mathematics and engineering, for example) courses have you enrolled in so far (Include courses you are enrolled in this semester)?
- a. One science course
- b. Two or three science courses
- c. Four to five science courses
- d. Six to seven science courses
- e. More than eight science courses

Post-Test Part One = same as Pre-Test Part One

Post-Test Part Two = same as Pre-Test Part Two (all disciplines)

Post-Test Part Three = same as Pre-Test Part Three

Post-Test Part Four = same as Pre-Test Part Four (all disciplines)

Post-Test Part Five = same as Pre-Test Part Five

Post-Test Part Six = same as Pre-Test Part Six

Post-Test Part Seven = same as Pre-Test Part Seven (spring and fall)

Post-Test Part Eight

HOW MUCH did each of the following aspects HELP YOUR LEARNING?

Overall: response)

(please circle your

1. The way in which the	NA	No Help	A little	Moderate	Much help	Very much
material was approached			help	help		help
2. How the class activities,	NA	No Help	A little	Moderate	Much help	Very much
labs, reading, and assignments			help	help		help
fit together						
3. The pace at which we	NA	No Help	A little	Moderate	Much help	Very much
worked			help	help		help
4. The way this course was	NA	No Help	A little	Moderate	Much help	Very much
taught overall			help	help		help