Course-Section: SCIE 535 01		Term - Spring 2012						Enrollment: 13						
Title: The Nature of Science									Questionnaires: 13			13		
Instructor: Irish,Teresa J.														
				Fre	quen	cies		In	structor	Course	Org	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	1	1	1	7	3	3.77	1337/1542	3.77	4.10	4.33	4.39	3.77
2. Did the instructor make clear the expected goals	0	0	1	2	1	8	1	3.46	1415/1542	3.46	4.18	4.29	4.31	3.46
3. Did the exam questions reflect the expected goals	0	12	0	0	0	1	0	4.00	****/1339	****	4.10	4.32	4.31	****
4. Did other evaluations reflect the expected goals	0	0	0	1	3	5	4	3.92	1139/1498	3.92	4.00	4.26	4.25	3.92
5. Did assigned readings contribute to what you learned	1	0	3	2	3	2	2	2.83	1392/1428	2.83	3.94	4.12	4.13	2.83
6. Did written assignments contribute to what you learned	1	0	0	3	3	3	3	3.50	1210/1407	3.50	4.01	4.15	4.20	3.50
7. Was the grading system clearly explained	2	0	0	3	4	2	2	3.27	1389/1521	3.27	4.16	4.20	4.24	3.27
8. How many times was class cancelled	2	0	0	0	0	0	11	5.00	1/1541	5.00	4.56	4.70	4.75	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	1	4	6	1	3.58	1255/1518	3.54	3.97	4.11	4.15	3.54
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	1	4	6	2	3.69	1362/1472	3.69	4.45	4.46	4.48	3.69
2. Did the instructor seem interested in the subject	0	0	0	0	1	2	10	4.69	1000/1475	4.69	4.53	4.72	4.76	4.69
3. Was lecture material presented and explained clearly	0	0	2	0	6	3	2	3.23	1387/1471	3.35	4.30	4.32	4.36	3.35
4. Did the lectures contribute to what you learned	0	0	1	4	4	2	2	3.00	1405/1470	3.00	4.22	4.33	4.34	3.00
5. Did audiovisual techniques enhance your understanding	0	4	2	2	3	1	1	2.67	1271/1310	2.72	3.94	4.06	3.99	2.72
Discussion														
1. Did class discussions contribute to what you learned	9	0	0	0	1	2	1	4.00	774/1210	4.00	4.30	4.18	4.28	4.00
2. Were all students actively encouraged to participate	9	0	0	0	0	1	3	4.75	352/1211	4.75	4.18	4.37	4.51	4.75
3. Did the instructor encourage fair and open discussion	9	0	0	0	0	0	4	5.00	1/1207	5.00	4.38	4.41	4.53	5.00
4. Were special techniques successful	9	0	0	0	0	3	1	4.25	361/859	4.25	4.18	4.08	4.08	4.25

Course-Section:	SCIE 535 01		Term - Spring 2012							Enrollment:			13		
Title:	The Nature of Science									Questionnaires:			13		
Instructor:	Irish,Teresa J.														
					Fre	quen	cies		Ins	structor	Course	Org	UMBC	Level	Sect
	Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
	Laboratory														
2. Were you provided with adequate background information			0	0	0	0	1	1	4.50	****/210	****	3.39	4.17	4.12	****
	Seminar														
1. Were assigned topics	relevant to the announced theme	12	0	0	0	0	0	1	5.00	****/69	****	4.34	4.56	4.62	****
2. Was the instructor ava	ailable for individual attention	12	0	0	0	0	0	1	5.00	****/69	****	4.33	4.60	4.71	****
3. Did research projects	contribute to what you learned	12	0	0	0	0	0	1	5.00	****/68	****	3.84	4.50	4.55	****
4. Did presentations con	tribute to what you learned	12	0	0	0	0	0	1	5.00	****/73	****	4.28	4.54	4.54	****
5. Were criteria for grad	ing made clear	12	0	0	0	0	0	1	5.00	****/67	****	4.35	4.17	4.35	****
	Field Work														
1. Did field experience co	ontribute to what you learned	12	0	0	0	0	0	1	5.00	****/32	****	4.07	4.20	4.06	****
2. Did you clearly understand your evaluation criteria			0	0	0	0	0	1	5.00	****/35	****	4.28	4.36	4.40	****
3. Was the instructor ava	ailable for consultation	12	0	0	0	0	0	1	5.00	****/25	****	4.11	4.59	4.53	****

Frequency Distribution

0

Credits Earned		Cum. GPA	1	Expected	Grades	Reasons		
00-27	9	0.00-0.99	0	А	13	Required for Majors		
28-55	0	1.00-1.99	0	В	0			
56-83	0	2.00-2.99	0	С	0	General		
84-150	0	3.00-3.49	0	D	0			
Grad.	4	3.50-4.00	7	F	0	Electives		
				Р	0			
				I	0	Other		
				?	0			

	Туре		Majors				
13	Graduate	4	Major	0			
0	Under-grad	9	Non-major	0			
0	**** - Means ther to be significant	e are not e	nough responses				

Course-Section: SCIE 535 01		Term - Spring 2012							Enrollment: 13					
Title: The Nature of Science									Questionnaires: 13			13		
Instructor: Batzer,Deborah														
				Fre	quen	cies		In	structor	Course	Org	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	1	1	1	7	3	3.77	1337/1542	3.77	4.10	4.33	4.39	3.77
2. Did the instructor make clear the expected goals	0	0	1	2	1	8	1	3.46	1415/1542	3.46	4.18	4.29	4.31	3.46
3. Did the exam questions reflect the expected goals	0	12	0	0	0	1	0	4.00	****/1339	****	4.10	4.32	4.31	****
4. Did other evaluations reflect the expected goals	0	0	0	1	3	5	4	3.92	1139/1498	3.92	4.00	4.26	4.25	3.92
5. Did assigned readings contribute to what you learned	1	0	3	2	3	2	2	2.83	1392/1428	2.83	3.94	4.12	4.13	2.83
6. Did written assignments contribute to what you learned	1	0	0	3	3	3	3	3.50	1210/1407	3.50	4.01	4.15	4.20	3.50
7. Was the grading system clearly explained	2	0	0	3	4	2	2	3.27	1389/1521	3.27	4.16	4.20	4.24	3.27
8. How many times was class cancelled	2	0	0	0	0	0	11	5.00	1/1541	5.00	4.56	4.70	4.75	5.00
9. How would you grade the overall teaching effectiveness	1	2	0	1	3	6	0	3.50	1283/1518	3.54	3.97	4.11	4.15	3.54
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	1	4	6	2	3.69	1362/1472	3.69	4.45	4.46	4.48	3.69
2. Did the instructor seem interested in the subject	0	0	0	0	1	2	10	4.69	1000/1475	4.69	4.53	4.72	4.76	4.69
3. Was lecture material presented and explained clearly	0	0	1	1	4	5	2	3.46	1342/1471	3.35	4.30	4.32	4.36	3.35
4. Did the lectures contribute to what you learned	0	0	2	2	5	2	2	3.00	1405/1470	3.00	4.22	4.33	4.34	3.00
5. Did audiovisual techniques enhance your understanding	0	4	2	1	4	1	1	2.78	1260/1310	2.72	3.94	4.06	3.99	2.72
Discussion														
1. Did class discussions contribute to what you learned	9	0	0	0	1	2	1	4.00	774/1210	4.00	4.30	4.18	4.28	4.00
2. Were all students actively encouraged to participate	9	0	0	0	0	1	3	4.75	352/1211	4.75	4.18	4.37	4.51	4.75
3. Did the instructor encourage fair and open discussion	9	0	0	0	0	0	4	5.00	1/1207	5.00	4.38	4.41	4.53	5.00
4. Were special techniques successful	9	0	0	0	0	3	1	4.25	361/859	4.25	4.18	4.08	4.08	4.25

Course-Section:	SCIE 535 01		Term - Spring 2012							Enrollment:			13		
Title:	The Nature of Science									Questionnaires:			13		
Instructor:	Batzer, Deborah														
					Fre	quen	cies		Ins	structor	Course	Org	UMBC	Level	Sect
	Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
	Laboratory														
2. Were you provided with adequate background information			0	0	0	0	1	1	4.50	****/210	****	3.39	4.17	4.12	****
	Seminar														
1. Were assigned topics relevant to the announced theme			0	0	0	0	0	1	5.00	****/69	****	4.34	4.56	4.62	****
2. Was the instructor ava	ailable for individual attention	12	0	0	0	0	0	1	5.00	****/69	****	4.33	4.60	4.71	****
3. Did research projects	contribute to what you learned	12	0	0	0	0	0	1	5.00	****/68	****	3.84	4.50	4.55	****
4. Did presentations con	tribute to what you learned	12	0	0	0	0	0	1	5.00	****/73	****	4.28	4.54	4.54	****
5. Were criteria for grad	ing made clear	12	0	0	0	0	0	1	5.00	****/67	****	4.35	4.17	4.35	****
	Field Work														
1. Did field experience c	ontribute to what you learned	12	0	0	0	0	0	1	5.00	****/32	****	4.07	4.20	4.06	****
2. Did you clearly understand your evaluation criteria			0	0	0	0	0	1	5.00	****/35	****	4.28	4.36	4.40	****
3. Was the instructor ava	ailable for consultation	12	0	0	0	0	0	1	5.00	****/25	****	4.11	4.59	4.53	****

Frequency Distribution

Credits E	arned	Cum. GP/	4	Expected	xpected Grades Reasons			Ту
00-27	9	0.00-0.99	0	А	13	Required for Majors	13	Graduate
28-55	0	1.00-1.99	0	В	0			
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad
84-150	0	3.00-3.49	0	D	0			
Grad.	4	3.50-4.00	7	F	0	Electives	0	**** - Mean
				Р	0			to be signifi
				I	0	Other	0	
				?	0			

Туре		Majors								
Graduate	4	Major	0							
Under-grad	9	Non-major	0							
	**** - Means there are not enough responses									
to be significant										