

Student Course Evaluation Questionnaire

Questions	Frequencies					Instructor		Course Mean	Dept Mean	UMBC Mean	Level Mean	Sect Mean		
	NR	NA	1	2	3	4	5						Mean	Rank
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General														
1. Did you gain new insights, skills from this course	3	0	0	1	3	5	5	4.00	1122/1522	3.83	3.81	4.30	4.14	4.00
2. Did the instructor make clear the expected goals	3	0	0	0	1	6	7	4.43	670/1522	4.30	4.31	4.26	4.18	4.43
3. Did the exam questions reflect the expected goals	3	0	0	0	7	2	5	3.86	1046/1285	4.31	4.32	4.30	4.22	3.86
4. Did other evaluations reflect the expected goals	3	0	0	0	2	4	8	4.43	597/1476	4.27	4.29	4.22	4.09	4.43
5. Did assigned readings contribute to what you learned	4	2	2	3	0	4	2	3.09	1319/1412	3.55	3.57	4.06	4.01	3.09
6. Did written assignments contribute to what you learned	4	0	0	0	1	5	7	4.46	372/1381	4.02	4.01	4.08	3.93	4.46
7. Was the grading system clearly explained	4	0	0	0	3	5	5	4.15	882/1500	4.31	4.33	4.18	4.16	4.15
8. How many times was class cancelled	3	0	0	0	0	4	10	4.71	873/1517	4.80	4.79	4.65	4.62	4.71
9. How would you grade the overall teaching effectiveness	7	0	0	0	1	7	2	4.10	833/1497	3.94	3.95	4.11	4.02	4.10
Lecture														
1. Were the instructor's lectures well prepared	5	0	0	0	1	1	10	4.75	452/1440	4.73	4.73	4.45	4.40	4.75
2. Did the instructor seem interested in the subject	4	0	0	0	1	2	10	4.69	965/1448	4.77	4.76	4.71	4.63	4.69
3. Was lecture material presented and explained clearly	4	0	0	0	0	5	8	4.62	467/1436	4.61	4.60	4.29	4.24	4.62
4. Did the lectures contribute to what you learned	4	0	0	0	0	4	9	4.69	418/1432	4.45	4.43	4.29	4.23	4.69
5. Did audiovisual techniques enhance your understanding	5	0	0	0	2	4	6	4.33	408/1221	4.34	4.33	3.93	3.86	4.33
Discussion														
1. Did class discussions contribute to what you learned	10	0	0	0	0	5	2	4.29	566/1280	4.15	4.13	4.10	3.92	4.29
2. Were all students actively encouraged to participate	10	0	0	0	1	3	3	4.29	781/1277	4.28	4.26	4.34	4.13	4.29
3. Did the instructor encourage fair and open discussion	10	0	0	0	0	5	2	4.29	756/1269	4.41	4.41	4.31	4.04	4.29
4. Were special techniques successful	10	1	0	0	1	3	2	4.17	380/ 854	3.96	4.00	4.02	3.87	4.17
Laboratory														
1. Did the lab increase understanding of the material	11	0	0	1	0	2	3	4.17	145/ 215	4.41	4.43	4.36	4.31	4.17
2. Were you provided with adequate background information	11	0	0	0	0	1	5	4.83	32/ 228	4.62	4.63	4.35	4.33	4.83
3. Were necessary materials available for lab activities	11	0	0	0	0	1	5	4.83	51/ 217	4.73	4.74	4.51	4.51	4.83
4. Did the lab instructor provide assistance	11	0	0	0	0	3	3	4.50	121/ 216	4.73	4.74	4.42	4.41	4.50
5. Were requirements for lab reports clearly specified	11	0	0	0	1	1	4	4.50	67/ 205	4.66	4.67	4.23	4.28	4.50
Seminar														
1. Were assigned topics relevant to the announced theme	16	0	0	0	0	0	1	5.00	****/ 79	****	****	4.58	4.13	****
2. Was the instructor available for individual attention	16	0	0	0	0	1	0	4.00	****/ 77	****	****	4.52	4.03	****
3. Did research projects contribute to what you learned	16	0	0	0	0	1	0	4.00	****/ 65	****	****	4.49	3.85	****
4. Did presentations contribute to what you learned	16	0	0	0	0	1	0	4.00	****/ 78	****	****	4.45	3.88	****
5. Were criteria for grading made clear	16	0	0	0	0	1	0	4.00	****/ 80	****	****	4.11	3.79	****
Field Work														
1. Did field experience contribute to what you learned	16	0	0	0	1	0	0	3.00	****/ 47	****	****	4.41	3.90	****
2. Did you clearly understand your evaluation criteria	16	0	0	0	1	0	0	3.00	****/ 45	****	****	4.30	3.90	****
3. Was the instructor available for consultation	16	0	1	0	0	0	0	1.00	****/ 39	****	****	4.40	3.99	****
5. Did conferences help you carry out field activities	16	0	1	0	0	0	0	1.00	****/ 34	****	****	4.30	4.11	****
Self Paced														
1. Did self-paced system contribute to what you learned	16	0	0	0	1	0	0	3.00	****/ 37	****	****	4.63	4.53	****
2. Did study questions make clear the expected goal	16	0	0	1	0	0	0	2.00	****/ 23	****	****	4.41	4.19	****
3. Were your contacts with the instructor helpful	16	0	1	0	0	0	0	1.00	****/ 33	****	****	4.69	4.57	****
4. Was the feedback/tutoring by proctors helpful	16	0	0	1	0	0	0	2.00	****/ 22	****	****	4.54	4.31	****
5. Were there enough proctors for all the students	16	0	1	0	0	0	0	1.00	****/ 18	****	****	4.49	4.11	****

Course-Section: SCI 100 0101  
 Title WATER; INTERDIS STUDY  
 Instructor: SHECKELLS, DANI  
 Enrollment: 20  
 Questionnaires: 17

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Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons	Type	Majors			
00-27	4	0.00-0.99	0	A	6	Required for Majors	12	Graduate	0	Major	0
28-55	0	1.00-1.99	0	B	4						
56-83	3	2.00-2.99	1	C	2	General	0	Under-grad	17	Non-major	17
84-150	1	3.00-3.49	4	D	0						
Grad.	0	3.50-4.00	2	F	0	Electives	0	#### - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	0						

Course-Section: SCI 100 0102  
 Title WATER; INTERDIS STUDY  
 Instructor: SHECKELLS, DANI  
 Enrollment: 20  
 Questionnaires: 17

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Questions	NR	NA	Frequencies					Instructor		Course Mean	Dept Mean	UMBC Mean	Level Mean	Sect Mean
			1	2	3	4	5	Mean	Rank					
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General														
1. Did you gain new insights, skills from this course	0	0	1	2	4	6	4	3.59	1372/1522	3.83	3.81	4.30	4.14	3.59
2. Did the instructor make clear the expected goals	0	0	0	2	0	7	8	4.24	894/1522	4.30	4.31	4.26	4.18	4.24
3. Did the exam questions reflect the expected goals	0	0	0	1	1	7	8	4.29	738/1285	4.31	4.32	4.30	4.22	4.29
4. Did other evaluations reflect the expected goals	0	0	0	0	1	5	11	4.59	397/1476	4.27	4.29	4.22	4.09	4.59
5. Did assigned readings contribute to what you learned	2	2	0	4	1	3	5	3.69	1059/1412	3.55	3.57	4.06	4.01	3.69
6. Did written assignments contribute to what you learned	0	1	2	1	3	2	8	3.81	1008/1381	4.02	4.01	4.08	3.93	3.81
7. Was the grading system clearly explained	0	0	0	0	1	2	14	4.76	201/1500	4.31	4.33	4.18	4.16	4.76
8. How many times was class cancelled	0	0	0	0	0	5	12	4.71	891/1517	4.80	4.79	4.65	4.62	4.71
9. How would you grade the overall teaching effectiveness	3	1	1	0	1	8	3	3.92	1006/1497	3.94	3.95	4.11	4.02	3.92
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	3	14	4.82	320/1440	4.73	4.73	4.45	4.40	4.82
2. Did the instructor seem interested in the subject	0	0	0	0	0	2	15	4.88	548/1448	4.77	4.76	4.71	4.63	4.88
3. Was lecture material presented and explained clearly	0	0	0	0	1	2	14	4.76	279/1436	4.61	4.60	4.29	4.24	4.76
4. Did the lectures contribute to what you learned	0	0	0	0	1	2	14	4.76	338/1432	4.45	4.43	4.29	4.23	4.76
5. Did audiovisual techniques enhance your understanding	3	0	0	0	2	1	11	4.64	187/1221	4.34	4.33	3.93	3.86	4.64
Discussion														
1. Did class discussions contribute to what you learned	12	0	0	0	0	1	4	4.80	184/1280	4.15	4.13	4.10	3.92	4.80
2. Were all students actively encouraged to participate	11	0	0	0	1	2	3	4.33	743/1277	4.28	4.26	4.34	4.13	4.33
3. Did the instructor encourage fair and open discussion	11	0	0	0	0	1	5	4.83	299/1269	4.41	4.41	4.31	4.04	4.83
4. Were special techniques successful	11	1	0	0	1	3	1	4.00	426/ 854	3.96	4.00	4.02	3.87	4.00
Laboratory														
1. Did the lab increase understanding of the material	8	0	0	0	3	3	3	4.00	168/ 215	4.41	4.43	4.36	4.31	4.00
2. Were you provided with adequate background information	8	0	0	0	1	3	5	4.44	101/ 228	4.62	4.63	4.35	4.33	4.44
3. Were necessary materials available for lab activities	8	0	0	0	0	1	8	4.89	39/ 217	4.73	4.74	4.51	4.51	4.89
4. Did the lab instructor provide assistance	8	0	0	0	0	1	8	4.89	43/ 216	4.73	4.74	4.42	4.41	4.89
5. Were requirements for lab reports clearly specified	8	0	0	0	0	1	8	4.89	22/ 205	4.66	4.67	4.23	4.28	4.89

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	2	0.00-0.99	0	A	5	Required for Majors	11	Graduate	0	Major	0
28-55	1	1.00-1.99	0	B	7						
56-83	0	2.00-2.99	4	C	3	General	0	Under-grad	17	Non-major	17
84-150	9	3.00-3.49	3	D	0						
Grad.	0	3.50-4.00	6	F	0	Electives	0	#### - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	3				
				?	0						

Course-Section: SCI 100 0103  
 Title WATER; INTERDIS STUDY  
 Instructor: SHECKELLS, DANI  
 Enrollment: 20  
 Questionnaires: 16

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Questions	Frequencies								Instructor		Course	Dept	UMBC	Level	Sect
	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	5	0	1	4	3	2	1	2.82	1500/1522	3.83	3.81	4.30	4.14	2.82	
2. Did the instructor make clear the expected goals	5	0	0	1	2	2	6	4.18	945/1522	4.30	4.31	4.26	4.18	4.18	
3. Did the exam questions reflect the expected goals	5	0	0	0	0	7	4	4.36	682/1285	4.31	4.32	4.30	4.22	4.36	
4. Did other evaluations reflect the expected goals	5	0	1	0	2	4	4	3.91	1127/1476	4.27	4.29	4.22	4.09	3.91	
5. Did assigned readings contribute to what you learned	5	0	2	3	3	2	1	2.73	1370/1412	3.55	3.57	4.06	4.01	2.73	
6. Did written assignments contribute to what you learned	5	0	0	1	5	2	3	3.64	1113/1381	4.02	4.01	4.08	3.93	3.64	
7. Was the grading system clearly explained	5	0	1	0	1	5	4	4.00	988/1500	4.31	4.33	4.18	4.16	4.00	
8. How many times was class cancelled	5	0	0	0	0	0	11	5.00	1/1517	4.80	4.79	4.65	4.62	5.00	
9. How would you grade the overall teaching effectiveness	9	0	0	1	1	5	0	3.57	1250/1497	3.94	3.95	4.11	4.02	3.57	
Lecture															
1. Were the instructor's lectures well prepared	5	0	0	0	0	1	10	4.91	192/1440	4.73	4.73	4.45	4.40	4.91	
2. Did the instructor seem interested in the subject	5	0	0	0	0	0	11	5.00	1/1448	4.77	4.76	4.71	4.63	5.00	
3. Was lecture material presented and explained clearly	5	0	0	1	0	1	9	4.64	446/1436	4.61	4.60	4.29	4.24	4.64	
4. Did the lectures contribute to what you learned	5	1	1	1	0	4	4	3.90	1126/1432	4.45	4.43	4.29	4.23	3.90	
5. Did audiovisual techniques enhance your understanding	5	0	1	1	0	3	6	4.09	575/1221	4.34	4.33	3.93	3.86	4.09	
Discussion															
1. Did class discussions contribute to what you learned	10	0	2	0	0	0	4	3.67	959/1280	4.15	4.13	4.10	3.92	3.67	
2. Were all students actively encouraged to participate	10	0	0	0	1	0	5	4.67	470/1277	4.28	4.26	4.34	4.13	4.67	
3. Did the instructor encourage fair and open discussion	10	0	0	0	0	0	6	5.00	1/1269	4.41	4.41	4.31	4.04	5.00	
4. Were special techniques successful	10	1	0	1	0	1	3	4.20	363/ 854	3.96	4.00	4.02	3.87	4.20	
Laboratory															
1. Did the lab increase understanding of the material	8	0	0	1	0	4	3	4.13	153/ 215	4.41	4.43	4.36	4.31	4.13	
2. Were you provided with adequate background information	7	0	0	0	1	3	5	4.44	101/ 228	4.62	4.63	4.35	4.33	4.44	
3. Were necessary materials available for lab activities	8	0	0	0	0	2	6	4.75	71/ 217	4.73	4.74	4.51	4.51	4.75	
4. Did the lab instructor provide assistance	8	0	0	0	0	3	5	4.63	100/ 216	4.73	4.74	4.42	4.41	4.63	
5. Were requirements for lab reports clearly specified	8	0	0	0	0	3	5	4.63	56/ 205	4.66	4.67	4.23	4.28	4.63	
Seminar															
1. Were assigned topics relevant to the announced theme	15	0	0	0	0	0	1	5.00	****/ 79	****	****	4.58	4.13	****	
Field Work															
1. Did field experience contribute to what you learned	14	0	0	0	1	0	1	4.00	****/ 47	****	****	4.41	3.90	****	
2. Did you clearly understand your evaluation criteria	14	0	0	0	0	0	2	5.00	****/ 45	****	****	4.30	3.90	****	
3. Was the instructor available for consultation	14	0	0	0	0	0	2	5.00	****/ 39	****	****	4.40	3.99	****	
4. To what degree could you discuss your evaluations	14	0	0	0	1	0	1	4.00	****/ 35	****	****	4.31	4.00	****	
5. Did conferences help you carry out field activities	14	0	0	0	1	0	1	4.00	****/ 34	****	****	4.30	4.11	****	

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	0	0.00-0.99	0	A	5	Required for Majors	10	Graduate	0	Major	0
28-55	0	1.00-1.99	0	B	6						
56-83	1	2.00-2.99	1	C	0	General	0	Under-grad	16	Non-major	16
84-150	8	3.00-3.49	4	D	0						
Grad.	0	3.50-4.00	3	F	4	Electives	0	#### - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	2				
				?	0						

Course-Section: SCI 100 0104  
 Title WATER; INTERDIS STUDY  
 Instructor: SHECKELLS, DANI  
 Enrollment: 17  
 Questionnaires: 15

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Questions	Frequencies								Instructor		Course	Dept	UMBC	Level	Sect
	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	5	2	6	3.73	1305/1522	3.83	3.81	4.30	4.14	3.73	
2. Did the instructor make clear the expected goals	0	0	1	0	5	2	7	3.93	1157/1522	4.30	4.31	4.26	4.18	3.93	
3. Did the exam questions reflect the expected goals	0	1	0	1	3	2	8	4.21	794/1285	4.31	4.32	4.30	4.22	4.21	
4. Did other evaluations reflect the expected goals	1	2	0	0	4	2	6	4.17	892/1476	4.27	4.29	4.22	4.09	4.17	
5. Did assigned readings contribute to what you learned	0	1	1	2	6	0	5	3.43	1213/1412	3.55	3.57	4.06	4.01	3.43	
6. Did written assignments contribute to what you learned	0	1	1	2	2	4	5	3.71	1070/1381	4.02	4.01	4.08	3.93	3.71	
7. Was the grading system clearly explained	0	0	1	3	2	1	8	3.80	1147/1500	4.31	4.33	4.18	4.16	3.80	
8. How many times was class cancelled	0	0	0	2	0	4	9	4.33	1217/1517	4.80	4.79	4.65	4.62	4.33	
9. How would you grade the overall teaching effectiveness	3	1	1	0	4	5	1	3.45	1301/1497	3.94	3.95	4.11	4.02	3.45	
Lecture															
1. Were the instructor's lectures well prepared	0	0	1	0	3	1	10	4.27	1039/1440	4.73	4.73	4.45	4.40	4.27	
2. Did the instructor seem interested in the subject	0	0	1	0	3	0	11	4.33	1271/1448	4.77	4.76	4.71	4.63	4.33	
3. Was lecture material presented and explained clearly	0	0	1	0	2	3	9	4.27	865/1436	4.61	4.60	4.29	4.24	4.27	
4. Did the lectures contribute to what you learned	0	0	1	0	4	2	8	4.07	1009/1432	4.45	4.43	4.29	4.23	4.07	
5. Did audiovisual techniques enhance your understanding	1	0	1	1	1	1	10	4.29	442/1221	4.34	4.33	3.93	3.86	4.29	
Discussion															
1. Did class discussions contribute to what you learned	5	0	2	1	4	1	2	3.00	1187/1280	4.15	4.13	4.10	3.92	3.00	
2. Were all students actively encouraged to participate	5	0	2	2	3	1	2	2.90	1245/1277	4.28	4.26	4.34	4.13	2.90	
3. Did the instructor encourage fair and open discussion	5	0	2	1	2	2	3	3.30	1162/1269	4.41	4.41	4.31	4.04	3.30	
4. Were special techniques successful	6	3	2	0	1	0	3	3.33	726/ 854	3.96	4.00	4.02	3.87	3.33	
Laboratory															
1. Did the lab increase understanding of the material	4	0	0	1	4	2	4	3.82	185/ 215	4.41	4.43	4.36	4.31	3.82	
2. Were you provided with adequate background information	5	0	0	1	2	2	5	4.10	171/ 228	4.62	4.63	4.35	4.33	4.10	
3. Were necessary materials available for lab activities	4	0	0	2	1	1	7	4.18	178/ 217	4.73	4.74	4.51	4.51	4.18	
4. Did the lab instructor provide assistance	4	0	0	1	2	2	6	4.18	163/ 216	4.73	4.74	4.42	4.41	4.18	
5. Were requirements for lab reports clearly specified	4	0	0	1	2	1	7	4.27	105/ 205	4.66	4.67	4.23	4.28	4.27	
Seminar															
1. Were assigned topics relevant to the announced theme	14	0	0	0	1	0	0	3.00	****/ 79	****	****	4.58	4.13	****	
3. Did research projects contribute to what you learned	14	0	0	1	0	0	0	2.00	****/ 65	****	****	4.49	3.85	****	
4. Did presentations contribute to what you learned	14	0	0	0	1	0	0	3.00	****/ 78	****	****	4.45	3.88	****	
5. Were criteria for grading made clear	14	0	0	0	1	0	0	3.00	****/ 80	****	****	4.11	3.79	****	
Field Work															
1. Did field experience contribute to what you learned	14	0	0	0	1	0	0	3.00	****/ 47	****	****	4.41	3.90	****	
2. Did you clearly understand your evaluation criteria	14	0	0	0	1	0	0	3.00	****/ 45	****	****	4.30	3.90	****	
3. Was the instructor available for consultation	14	0	0	0	1	0	0	3.00	****/ 39	****	****	4.40	3.99	****	
4. To what degree could you discuss your evaluations	14	0	0	0	1	0	0	3.00	****/ 35	****	****	4.31	4.00	****	
5. Did conferences help you carry out field activities	14	0	0	0	1	0	0	3.00	****/ 34	****	****	4.30	4.11	****	
Self Paced															
1. Did self-paced system contribute to what you learned	14	0	0	0	1	0	0	3.00	****/ 37	****	****	4.63	4.53	****	
2. Did study questions make clear the expected goal	14	0	0	1	0	0	0	2.00	****/ 23	****	****	4.41	4.19	****	
3. Were your contacts with the instructor helpful	14	0	0	0	1	0	0	3.00	****/ 33	****	****	4.69	4.57	****	
4. Was the feedback/tutoring by proctors helpful	14	0	0	0	1	0	0	3.00	****/ 22	****	****	4.54	4.31	****	
5. Were there enough proctors for all the students	14	0	0	0	1	0	0	3.00	****/ 18	****	****	4.49	4.11	****	

Course-Section: SCI 100 0104  
 Title WATER; INTERDIS STUDY  
 Instructor: SHECKELLS, DANI  
 Enrollment: 17  
 Questionnaires: 15

University of Maryland  
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Student Course Evaluation Questionnaire

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons	Type	Majors			
00-27	0	0.00-0.99	1	A	6	Required for Majors	10	Graduate	0	Major	0
28-55	0	1.00-1.99	0	B	7						
56-83	3	2.00-2.99	1	C	0	General	2	Under-grad	15	Non-major	15
84-150	4	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	1	F	0	Electives	0	#### - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	1				
				?	0						

Course-Section: SCI 100 0105  
 Title WATER; INTERDIS STUDY  
 Instructor: SHECKELLS, DANI  
 Enrollment: 20  
 Questionnaires: 16

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Student Course Evaluation Questionnaire

Questions	Frequencies								Instructor		Course	Dept	UMBC	Level	Sect
	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	2	0	0	2	3	5	4	3.79	1279/1522	3.83	3.81	4.30	4.14	3.79	
2. Did the instructor make clear the expected goals	2	0	0	1	1	3	9	4.43	670/1522	4.30	4.31	4.26	4.18	4.43	
3. Did the exam questions reflect the expected goals	2	0	0	1	0	6	7	4.36	690/1285	4.31	4.32	4.30	4.22	4.36	
4. Did other evaluations reflect the expected goals	2	0	0	0	2	3	9	4.50	473/1476	4.27	4.29	4.22	4.09	4.50	
5. Did assigned readings contribute to what you learned	2	0	0	3	3	4	4	3.64	1088/1412	3.55	3.57	4.06	4.01	3.64	
6. Did written assignments contribute to what you learned	2	0	1	1	2	6	4	3.79	1028/1381	4.02	4.01	4.08	3.93	3.79	
7. Was the grading system clearly explained	2	0	1	0	0	3	10	4.50	483/1500	4.31	4.33	4.18	4.16	4.50	
8. How many times was class cancelled	2	0	0	0	0	6	8	4.57	1019/1517	4.80	4.79	4.65	4.62	4.57	
9. How would you grade the overall teaching effectiveness	3	0	0	1	1	7	4	4.08	852/1497	3.94	3.95	4.11	4.02	4.08	
Lecture															
1. Were the instructor's lectures well prepared	3	0	0	0	0	1	12	4.92	153/1440	4.73	4.73	4.45	4.40	4.92	
2. Did the instructor seem interested in the subject	3	0	0	0	0	0	13	5.00	1/1448	4.77	4.76	4.71	4.63	5.00	
3. Was lecture material presented and explained clearly	3	0	0	0	1	3	9	4.62	467/1436	4.61	4.60	4.29	4.24	4.62	
4. Did the lectures contribute to what you learned	3	0	0	0	1	4	8	4.54	600/1432	4.45	4.43	4.29	4.23	4.54	
5. Did audiovisual techniques enhance your understanding	3	0	1	1	0	3	8	4.23	474/1221	4.34	4.33	3.93	3.86	4.23	
Discussion															
1. Did class discussions contribute to what you learned	5	0	1	1	1	4	4	3.82	869/1280	4.15	4.13	4.10	3.92	3.82	
2. Were all students actively encouraged to participate	6	0	1	0	1	1	7	4.30	766/1277	4.28	4.26	4.34	4.13	4.30	
3. Did the instructor encourage fair and open discussion	6	0	0	0	2	3	5	4.30	743/1269	4.41	4.41	4.31	4.04	4.30	
4. Were special techniques successful	6	0	2	0	2	3	3	3.50	673/ 854	3.96	4.00	4.02	3.87	3.50	
Laboratory															
1. Did the lab increase understanding of the material	4	0	2	0	0	3	7	4.08	159/ 215	4.41	4.43	4.36	4.31	4.08	
2. Were you provided with adequate background information	4	0	0	0	0	1	11	4.92	25/ 228	4.62	4.63	4.35	4.33	4.92	
3. Were necessary materials available for lab activities	4	0	0	0	0	0	12	5.00	1/ 217	4.73	4.74	4.51	4.51	5.00	
4. Did the lab instructor provide assistance	5	0	0	0	0	1	10	4.91	40/ 216	4.73	4.74	4.42	4.41	4.91	
5. Were requirements for lab reports clearly specified	4	0	0	1	0	1	10	4.67	46/ 205	4.66	4.67	4.23	4.28	4.67	
Seminar															
2. Was the instructor available for individual attention	15	0	0	0	0	0	1	5.00	****/ 77	****	****	4.52	4.03	****	
3. Did research projects contribute to what you learned	15	0	0	0	0	0	1	5.00	****/ 65	****	****	4.49	3.85	****	
4. Did presentations contribute to what you learned	15	0	0	0	0	0	1	5.00	****/ 78	****	****	4.45	3.88	****	
5. Were criteria for grading made clear	15	0	0	0	0	0	1	5.00	****/ 80	****	****	4.11	3.79	****	
Field Work															
1. Did field experience contribute to what you learned	15	0	0	1	0	0	0	2.00	****/ 47	****	****	4.41	3.90	****	
2. Did you clearly understand your evaluation criteria	15	0	0	0	0	0	1	5.00	****/ 45	****	****	4.30	3.90	****	
3. Was the instructor available for consultation	15	0	0	0	0	0	1	5.00	****/ 39	****	****	4.40	3.99	****	
4. To what degree could you discuss your evaluations	15	0	0	0	0	0	1	5.00	****/ 35	****	****	4.31	4.00	****	
5. Did conferences help you carry out field activities	15	0	0	0	0	0	1	5.00	****/ 34	****	****	4.30	4.11	****	
Self Paced															
1. Did self-paced system contribute to what you learned	15	0	0	0	0	0	1	5.00	****/ 37	****	****	4.63	4.53	****	
2. Did study questions make clear the expected goal	15	0	0	0	0	0	1	5.00	****/ 23	****	****	4.41	4.19	****	
4. Was the feedback/tutoring by proctors helpful	15	0	0	0	0	0	1	5.00	****/ 22	****	****	4.54	4.31	****	
5. Were there enough proctors for all the students	15	0	0	0	0	0	1	5.00	****/ 18	****	****	4.49	4.11	****	

Course-Section: SCI 100 0105  
 Title WATER; INTERDIS STUDY  
 Instructor: SHECKELLS, DANI  
 Enrollment: 20  
 Questionnaires: 16

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Student Course Evaluation Questionnaire

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons	Type	Majors			
00-27	1	0.00-0.99	0	A	3	Required for Majors	11	Graduate	0	Major	0
28-55	2	1.00-1.99	0	B	9						
56-83	1	2.00-2.99	3	C	2	General	0	Under-grad	16	Non-major	16
84-150	0	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	1	F	0	Electives	0	#### - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	5				
				?	0						



Course-Section: SCI 100 0201  
 Title WATER; INTERDIS STUDY  
 Instructor: READEL, KARIN  
 Enrollment: 18  
 Questionnaires: 18

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Student Course Evaluation Questionnaire

Questions	Frequencies								Instructor		Course	Dept	UMBC	Level	Sect
	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	3	0	0	1	2	4	8	4.27	889/1522	3.83	3.81	4.30	4.14	4.27	
2. Did the instructor make clear the expected goals	3	0	0	0	3	5	7	4.27	864/1522	4.30	4.31	4.26	4.18	4.27	
3. Did the exam questions reflect the expected goals	3	0	0	0	1	7	7	4.40	650/1285	4.31	4.32	4.30	4.22	4.40	
4. Did other evaluations reflect the expected goals	3	0	0	1	1	6	7	4.27	781/1476	4.27	4.29	4.22	4.09	4.27	
5. Did assigned readings contribute to what you learned	3	1	1	1	2	5	5	3.86	932/1412	3.55	3.57	4.06	4.01	3.86	
6. Did written assignments contribute to what you learned	3	1	0	0	2	5	7	4.36	495/1381	4.02	4.01	4.08	3.93	4.36	
7. Was the grading system clearly explained	3	0	0	1	1	6	7	4.27	770/1500	4.31	4.33	4.18	4.16	4.27	
8. How many times was class cancelled	3	0	0	0	0	2	13	4.87	577/1517	4.80	4.79	4.65	4.62	4.87	
9. How would you grade the overall teaching effectiveness	6	0	1	0	3	7	1	3.58	1246/1497	3.94	3.95	4.11	4.02	3.58	
Lecture															
1. Were the instructor's lectures well prepared	3	0	0	0	1	4	10	4.60	682/1440	4.73	4.73	4.45	4.40	4.60	
2. Did the instructor seem interested in the subject	3	0	0	0	0	4	11	4.73	897/1448	4.77	4.76	4.71	4.63	4.73	
3. Was lecture material presented and explained clearly	3	0	0	0	1	5	9	4.53	564/1436	4.61	4.60	4.29	4.24	4.53	
4. Did the lectures contribute to what you learned	3	1	0	0	1	4	9	4.57	558/1432	4.45	4.43	4.29	4.23	4.57	
5. Did audiovisual techniques enhance your understanding	3	0	0	0	1	5	9	4.53	259/1221	4.34	4.33	3.93	3.86	4.53	
Discussion															
1. Did class discussions contribute to what you learned	8	0	0	1	0	5	4	4.20	624/1280	4.15	4.13	4.10	3.92	4.20	
2. Were all students actively encouraged to participate	8	0	0	0	0	5	5	4.50	594/1277	4.28	4.26	4.34	4.13	4.50	
3. Did the instructor encourage fair and open discussion	8	0	0	0	1	4	5	4.40	671/1269	4.41	4.41	4.31	4.04	4.40	
4. Were special techniques successful	8	1	0	0	1	5	3	4.22	347/ 854	3.96	4.00	4.02	3.87	4.22	
Laboratory															
1. Did the lab increase understanding of the material	11	0	0	0	0	1	6	4.86	37/ 215	4.41	4.43	4.36	4.31	4.86	
2. Were you provided with adequate background information	11	0	0	0	0	2	5	4.71	53/ 228	4.62	4.63	4.35	4.33	4.71	
3. Were necessary materials available for lab activities	11	0	0	0	0	0	7	5.00	1/ 217	4.73	4.74	4.51	4.51	5.00	
4. Did the lab instructor provide assistance	11	0	0	0	0	1	6	4.86	49/ 216	4.73	4.74	4.42	4.41	4.86	
5. Were requirements for lab reports clearly specified	11	0	0	0	0	1	6	4.86	25/ 205	4.66	4.67	4.23	4.28	4.86	
Seminar															
1. Were assigned topics relevant to the announced theme	16	0	0	0	0	0	2	5.00	****/ 79	****	****	4.58	4.13	****	
2. Was the instructor available for individual attention	16	0	0	0	0	0	2	5.00	****/ 77	****	****	4.52	4.03	****	
3. Did research projects contribute to what you learned	16	0	0	0	0	0	2	5.00	****/ 65	****	****	4.49	3.85	****	
4. Did presentations contribute to what you learned	17	0	0	0	0	0	1	5.00	****/ 78	****	****	4.45	3.88	****	
5. Were criteria for grading made clear	17	0	0	0	0	0	1	5.00	****/ 80	****	****	4.11	3.79	****	
Field Work															
1. Did field experience contribute to what you learned	17	0	0	0	0	0	1	5.00	****/ 47	****	****	4.41	3.90	****	
2. Did you clearly understand your evaluation criteria	17	0	0	0	0	0	1	5.00	****/ 45	****	****	4.30	3.90	****	
3. Was the instructor available for consultation	17	0	0	0	0	0	1	5.00	****/ 39	****	****	4.40	3.99	****	
4. To what degree could you discuss your evaluations	17	0	0	0	0	0	1	5.00	****/ 35	****	****	4.31	4.00	****	
5. Did conferences help you carry out field activities	17	0	0	0	0	0	1	5.00	****/ 34	****	****	4.30	4.11	****	
Self Paced															
1. Did self-paced system contribute to what you learned	17	0	0	0	0	0	1	5.00	****/ 37	****	****	4.63	4.53	****	
2. Did study questions make clear the expected goal	17	0	0	0	0	0	1	5.00	****/ 23	****	****	4.41	4.19	****	
3. Were your contacts with the instructor helpful	17	0	0	0	0	0	1	5.00	****/ 33	****	****	4.69	4.57	****	
4. Was the feedback/tutoring by proctors helpful	17	0	0	0	0	0	1	5.00	****/ 22	****	****	4.54	4.31	****	
5. Were there enough proctors for all the students	17	0	0	0	0	0	1	5.00	****/ 18	****	****	4.49	4.11	****	

Course-Section: SCI 100 0201  
 Title WATER; INTERDIS STUDY  
 Instructor: READEL, KARIN  
 Enrollment: 18  
 Questionnaires: 18

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Student Course Evaluation Questionnaire

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons	Type	Majors			
00-27	1	0.00-0.99	0	A	8	Required for Majors	13	Graduate	0	Major	0
28-55	3	1.00-1.99	0	B	4						
56-83	3	2.00-2.99	3	C	0	General	0	Under-grad	18	Non-major	18
84-150	3	3.00-3.49	5	D	0						
Grad.	0	3.50-4.00	2	F	1	Electives	0	#### - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	1						

Course-Section: SCI 100 0202  
 Title WATER; INTERDIS STUDY  
 Instructor: READEL, KARIN  
 Enrollment: 17  
 Questionnaires: 17

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Student Course Evaluation Questionnaire

Questions	Frequencies								Instructor		Course	Dept	UMBC	Level	Sect
	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	3	0	3	1	2	2	6	3.50	1402/1522	3.83	3.81	4.30	4.14	3.50	
2. Did the instructor make clear the expected goals	3	0	1	0	4	3	6	3.93	1168/1522	4.30	4.31	4.26	4.18	3.93	
3. Did the exam questions reflect the expected goals	3	0	1	1	3	4	5	3.79	1074/1285	4.31	4.32	4.30	4.22	3.79	
4. Did other evaluations reflect the expected goals	3	1	1	0	1	6	5	4.08	971/1476	4.27	4.29	4.22	4.09	4.08	
5. Did assigned readings contribute to what you learned	3	3	3	1	1	3	3	3.18	1305/1412	3.55	3.57	4.06	4.01	3.18	
6. Did written assignments contribute to what you learned	3	0	2	2	2	3	5	3.50	1152/1381	4.02	4.01	4.08	3.93	3.50	
7. Was the grading system clearly explained	3	0	0	0	3	4	7	4.29	750/1500	4.31	4.33	4.18	4.16	4.29	
8. How many times was class cancelled	3	1	0	0	0	1	12	4.92	389/1517	4.80	4.79	4.65	4.62	4.92	
9. How would you grade the overall teaching effectiveness	9	0	1	0	1	4	2	3.75	1147/1497	3.94	3.95	4.11	4.02	3.75	
Lecture															
1. Were the instructor's lectures well prepared	4	0	0	1	0	2	10	4.62	669/1440	4.73	4.73	4.45	4.40	4.62	
2. Did the instructor seem interested in the subject	4	0	0	0	0	4	9	4.69	965/1448	4.77	4.76	4.71	4.63	4.69	
3. Was lecture material presented and explained clearly	4	0	0	1	1	5	6	4.23	896/1436	4.61	4.60	4.29	4.24	4.23	
4. Did the lectures contribute to what you learned	5	1	1	0	0	4	6	4.27	869/1432	4.45	4.43	4.29	4.23	4.27	
5. Did audiovisual techniques enhance your understanding	7	0	1	0	3	3	3	3.70	814/1221	4.34	4.33	3.93	3.86	3.70	
Discussion															
1. Did class discussions contribute to what you learned	10	0	0	0	2	1	4	4.29	566/1280	4.15	4.13	4.10	3.92	4.29	
2. Were all students actively encouraged to participate	10	0	0	0	1	2	4	4.43	672/1277	4.28	4.26	4.34	4.13	4.43	
3. Did the instructor encourage fair and open discussion	10	0	1	0	0	3	3	4.00	875/1269	4.41	4.41	4.31	4.04	4.00	
4. Were special techniques successful	10	0	1	0	1	1	4	4.00	426/ 854	3.96	4.00	4.02	3.87	4.00	
Laboratory															
1. Did the lab increase understanding of the material	11	0	0	1	1	0	4	4.17	145/ 215	4.41	4.43	4.36	4.31	4.17	
2. Were you provided with adequate background information	11	0	0	0	1	0	5	4.67	61/ 228	4.62	4.63	4.35	4.33	4.67	
3. Were necessary materials available for lab activities	11	0	0	0	0	2	4	4.67	91/ 217	4.73	4.74	4.51	4.51	4.67	
4. Did the lab instructor provide assistance	11	0	0	0	0	2	4	4.67	90/ 216	4.73	4.74	4.42	4.41	4.67	
5. Were requirements for lab reports clearly specified	11	0	0	0	0	2	4	4.67	46/ 205	4.66	4.67	4.23	4.28	4.67	
Field Work															
1. Did field experience contribute to what you learned	16	0	0	0	1	0	0	3.00	****/ 47	****	****	4.41	3.90	****	
2. Did you clearly understand your evaluation criteria	16	0	0	0	1	0	0	3.00	****/ 45	****	****	4.30	3.90	****	
3. Was the instructor available for consultation	16	0	0	0	1	0	0	3.00	****/ 39	****	****	4.40	3.99	****	
5. Did conferences help you carry out field activities	16	0	0	0	1	0	0	3.00	****/ 34	****	****	4.30	4.11	****	

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors		
00-27	1	0.00-0.99	0	A 5	Required for Majors 5	Graduate 0	Major 0
28-55	0	1.00-1.99	0	B 4			
56-83	1	2.00-2.99	2	C 4	General 0	Under-grad 17	Non-major 17
84-150	4	3.00-3.49	2	D 0			
Grad.	0	3.50-4.00	3	F 0	Electives 2	#### - Means there are not enough responses to be significant	
				P 0			
				I 0	Other 3		
				? 0			

Course-Section: SCI 100 0204  
 Title WATER; INTERDIS STUDY  
 Instructor: READEL, KARIN  
 Enrollment: 20  
 Questionnaires: 16

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Student Course Evaluation Questionnaire

Questions	Frequencies								Instructor		Course	Dept	UMBC	Level	Sect
	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	0	1	4	5	6	4.00	1122/1522	3.83	3.81	4.30	4.14	4.00	
2. Did the instructor make clear the expected goals	0	0	0	0	2	5	9	4.44	654/1522	4.30	4.31	4.26	4.18	4.44	
3. Did the exam questions reflect the expected goals	1	0	0	0	1	5	9	4.53	499/1285	4.31	4.32	4.30	4.22	4.53	
4. Did other evaluations reflect the expected goals	0	0	0	2	0	2	12	4.50	473/1476	4.27	4.29	4.22	4.09	4.50	
5. Did assigned readings contribute to what you learned	0	0	3	2	1	2	8	3.63	1100/1412	3.55	3.57	4.06	4.01	3.63	
6. Did written assignments contribute to what you learned	0	0	0	1	3	3	9	4.25	604/1381	4.02	4.01	4.08	3.93	4.25	
7. Was the grading system clearly explained	0	0	0	0	2	4	10	4.50	483/1500	4.31	4.33	4.18	4.16	4.50	
8. How many times was class cancelled	0	0	0	0	0	0	16	5.00	1/1517	4.80	4.79	4.65	4.62	5.00	
9. How would you grade the overall teaching effectiveness	3	1	0	1	2	5	4	4.00	898/1497	3.94	3.95	4.11	4.02	4.00	
Lecture															
1. Were the instructor's lectures well prepared	0	0	0	0	1	2	13	4.75	452/1440	4.73	4.73	4.45	4.40	4.75	
2. Did the instructor seem interested in the subject	0	0	0	0	1	3	12	4.69	977/1448	4.77	4.76	4.71	4.63	4.69	
3. Was lecture material presented and explained clearly	0	0	0	0	0	4	12	4.75	295/1436	4.61	4.60	4.29	4.24	4.75	
4. Did the lectures contribute to what you learned	0	0	0	0	4	3	9	4.31	838/1432	4.45	4.43	4.29	4.23	4.31	
5. Did audiovisual techniques enhance your understanding	0	0	0	0	2	4	10	4.50	279/1221	4.34	4.33	3.93	3.86	4.50	
Discussion															
1. Did class discussions contribute to what you learned	4	0	0	2	2	3	5	3.92	814/1280	4.15	4.13	4.10	3.92	3.92	
2. Were all students actively encouraged to participate	4	0	0	1	4	2	5	3.92	1004/1277	4.28	4.26	4.34	4.13	3.92	
3. Did the instructor encourage fair and open discussion	4	0	0	0	3	3	6	4.25	777/1269	4.41	4.41	4.31	4.04	4.25	
4. Were special techniques successful	4	0	1	0	2	5	4	3.92	515/ 854	3.96	4.00	4.02	3.87	3.92	
Laboratory															
1. Did the lab increase understanding of the material	3	0	0	0	0	2	11	4.85	38/ 215	4.41	4.43	4.36	4.31	4.85	
2. Were you provided with adequate background information	3	0	0	0	1	2	10	4.69	57/ 228	4.62	4.63	4.35	4.33	4.69	
3. Were necessary materials available for lab activities	3	0	0	0	1	1	11	4.77	68/ 217	4.73	4.74	4.51	4.51	4.77	
4. Did the lab instructor provide assistance	3	0	0	1	0	1	11	4.69	82/ 216	4.73	4.74	4.42	4.41	4.69	
5. Were requirements for lab reports clearly specified	3	0	0	1	0	2	10	4.62	59/ 205	4.66	4.67	4.23	4.28	4.62	
Seminar															
1. Were assigned topics relevant to the announced theme	14	0	0	0	1	1	0	3.50	****/ 79	****	****	4.58	4.13	****	
2. Was the instructor available for individual attention	14	0	0	0	1	0	1	4.00	****/ 77	****	****	4.52	4.03	****	
3. Did research projects contribute to what you learned	14	0	0	0	2	0	0	3.00	****/ 65	****	****	4.49	3.85	****	
4. Did presentations contribute to what you learned	14	0	0	1	1	0	0	2.50	****/ 78	****	****	4.45	3.88	****	
5. Were criteria for grading made clear	14	0	0	1	0	1	0	3.00	****/ 80	****	****	4.11	3.79	****	
Field Work															
1. Did field experience contribute to what you learned	14	0	0	0	0	1	1	4.50	****/ 47	****	****	4.41	3.90	****	
2. Did you clearly understand your evaluation criteria	14	0	0	0	1	0	1	4.00	****/ 45	****	****	4.30	3.90	****	
3. Was the instructor available for consultation	14	0	0	0	1	0	1	4.00	****/ 39	****	****	4.40	3.99	****	
4. To what degree could you discuss your evaluations	14	0	0	0	1	1	0	3.50	****/ 35	****	****	4.31	4.00	****	
5. Did conferences help you carry out field activities	14	1	0	0	1	0	0	3.00	****/ 34	****	****	4.30	4.11	****	
Self Paced															
1. Did self-paced system contribute to what you learned	14	0	0	0	2	0	0	3.00	****/ 37	****	****	4.63	4.53	****	
2. Did study questions make clear the expected goal	14	0	0	1	1	0	0	2.50	****/ 23	****	****	4.41	4.19	****	
3. Were your contacts with the instructor helpful	14	1	0	0	1	0	0	3.00	****/ 33	****	****	4.69	4.57	****	
4. Was the feedback/tutoring by proctors helpful	14	0	0	0	1	1	0	3.50	****/ 22	****	****	4.54	4.31	****	
5. Were there enough proctors for all the students	14	1	0	0	1	0	0	3.00	****/ 18	****	****	4.49	4.11	****	

Course-Section: SCI 100 0204  
 Title WATER; INTERDIS STUDY  
 Instructor: READEL, KARIN  
 Enrollment: 20  
 Questionnaires: 16

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Student Course Evaluation Questionnaire

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons	Type	Majors			
00-27	0	0.00-0.99	0	A	10	Required for Majors	11	Graduate	0	Major	0
28-55	6	1.00-1.99	0	B	3						
56-83	0	2.00-2.99	2	C	1	General	0	Under-grad	16	Non-major	16
84-150	1	3.00-3.49	4	D	0						
Grad.	0	3.50-4.00	4	F	0	Electives	0	#### - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	3				
				?	0						

Course-Section: SCI 100 0205  
 Title WATER; INTERDIS STUDY  
 Instructor: READEL, KARIN  
 Enrollment: 20  
 Questionnaires: 17

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Student Course Evaluation Questionnaire

Questions	Frequencies								Instructor		Course	Dept	UMBC	Level	Sept
	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	0	3	4	6	4	3.65	1347/1522	3.83	3.81	4.30	4.14	3.65	
2. Did the instructor make clear the expected goals	0	0	0	2	5	8	2	3.59	1331/1522	4.30	4.31	4.26	4.18	3.59	
3. Did the exam questions reflect the expected goals	0	0	0	0	4	8	5	4.06	910/1285	4.31	4.32	4.30	4.22	4.06	
4. Did other evaluations reflect the expected goals	0	0	0	2	4	8	3	3.71	1222/1476	4.27	4.29	4.22	4.09	3.71	
5. Did assigned readings contribute to what you learned	1	1	0	5	4	3	3	3.27	1284/1412	3.55	3.57	4.06	4.01	3.27	
6. Did written assignments contribute to what you learned	0	0	1	2	6	5	3	3.41	1193/1381	4.02	4.01	4.08	3.93	3.41	
7. Was the grading system clearly explained	0	0	1	1	6	4	5	3.65	1244/1500	4.31	4.33	4.18	4.16	3.65	
8. How many times was class cancelled	0	0	0	0	0	5	12	4.71	891/1517	4.80	4.79	4.65	4.62	4.71	
9. How would you grade the overall teaching effectiveness	2	0	0	1	5	8	1	3.60	1239/1497	3.94	3.95	4.11	4.02	3.60	
Lecture															
1. Were the instructor's lectures well prepared	1	0	0	1	1	5	9	4.38	953/1440	4.73	4.73	4.45	4.40	4.38	
2. Did the instructor seem interested in the subject	1	0	0	0	2	5	9	4.44	1215/1448	4.77	4.76	4.71	4.63	4.44	
3. Was lecture material presented and explained clearly	1	0	0	0	1	8	7	4.38	751/1436	4.61	4.60	4.29	4.24	4.38	
4. Did the lectures contribute to what you learned	1	1	0	1	3	6	5	4.00	1036/1432	4.45	4.43	4.29	4.23	4.00	
5. Did audiovisual techniques enhance your understanding	2	1	0	1	3	4	6	4.07	582/1221	4.34	4.33	3.93	3.86	4.07	
Discussion															
1. Did class discussions contribute to what you learned	9	0	0	0	2	4	2	4.00	718/1280	4.15	4.13	4.10	3.92	4.00	
2. Were all students actively encouraged to participate	9	0	0	1	2	2	3	3.88	1024/1277	4.28	4.26	4.34	4.13	3.88	
3. Did the instructor encourage fair and open discussion	9	0	0	0	2	2	4	4.25	777/1269	4.41	4.41	4.31	4.04	4.25	
4. Were special techniques successful	9	0	0	1	2	2	3	3.88	538/ 854	3.96	4.00	4.02	3.87	3.88	
Laboratory															
1. Did the lab increase understanding of the material	6	0	0	1	1	3	6	4.27	129/ 215	4.41	4.43	4.36	4.31	4.27	
2. Were you provided with adequate background information	6	0	0	0	3	3	5	4.18	165/ 228	4.62	4.63	4.35	4.33	4.18	
3. Were necessary materials available for lab activities	6	0	0	0	2	4	5	4.27	167/ 217	4.73	4.74	4.51	4.51	4.27	
4. Did the lab instructor provide assistance	6	0	0	0	2	2	7	4.45	131/ 216	4.73	4.74	4.42	4.41	4.45	
5. Were requirements for lab reports clearly specified	6	0	0	1	3	1	6	4.09	140/ 205	4.66	4.67	4.23	4.28	4.09	
Seminar															
1. Were assigned topics relevant to the announced theme	15	0	0	0	1	0	1	4.00	****/ 79	****	****	4.58	4.13	****	
2. Was the instructor available for individual attention	15	0	0	0	1	0	1	4.00	****/ 77	****	****	4.52	4.03	****	
3. Did research projects contribute to what you learned	15	0	0	0	1	1	0	3.50	****/ 65	****	****	4.49	3.85	****	
4. Did presentations contribute to what you learned	15	0	0	0	1	0	1	4.00	****/ 78	****	****	4.45	3.88	****	
5. Were criteria for grading made clear	15	0	0	0	1	1	0	3.50	****/ 80	****	****	4.11	3.79	****	
Field Work															
1. Did field experience contribute to what you learned	15	0	1	0	1	0	0	2.00	****/ 47	****	****	4.41	3.90	****	
2. Did you clearly understand your evaluation criteria	15	0	1	0	1	0	0	2.00	****/ 45	****	****	4.30	3.90	****	
3. Was the instructor available for consultation	15	0	0	0	1	0	1	4.00	****/ 39	****	****	4.40	3.99	****	
4. To what degree could you discuss your evaluations	15	1	0	0	1	0	0	3.00	****/ 35	****	****	4.31	4.00	****	
5. Did conferences help you carry out field activities	15	0	0	0	1	1	0	3.50	****/ 34	****	****	4.30	4.11	****	
Self Paced															
1. Did self-paced system contribute to what you learned	16	0	0	0	0	1	0	4.00	****/ 37	****	****	4.63	4.53	****	
2. Did study questions make clear the expected goal	16	0	0	0	0	1	0	4.00	****/ 23	****	****	4.41	4.19	****	
3. Were your contacts with the instructor helpful	16	0	0	0	0	1	0	4.00	****/ 33	****	****	4.69	4.57	****	
4. Was the feedback/tutoring by proctors helpful	16	0	0	0	0	1	0	4.00	****/ 22	****	****	4.54	4.31	****	
5. Were there enough proctors for all the students	16	0	0	0	0	1	0	4.00	****/ 18	****	****	4.49	4.11	****	

Course-Section: SCI 100 0205  
 Title WATER; INTERDIS STUDY  
 Instructor: READEL, KARIN  
 Enrollment: 20  
 Questionnaires: 17

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Student Course Evaluation Questionnaire

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons	Type	Majors			
00-27	1	0.00-0.99	0	A	5	Required for Majors	8	Graduate	0	Major	0
28-55	2	1.00-1.99	0	B	7						
56-83	5	2.00-2.99	4	C	0	General	0	Under-grad	17	Non-major	17
84-150	2	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	3	F	1	Electives	0	#### - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	5				
				?	0						

Course-Section: SCI 100 0301  
 Title WATER; INTERDIS STUDY  
 Instructor: SHECKELLS, DANI  
 Enrollment: 18  
 Questionnaires: 17

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Student Course Evaluation Questionnaire

Questions	Frequencies								Instructor		Course	Dept	UMBC	Level	Sect
	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	4	0	0	1	4	2	6	4.00	1122/1522	3.83	3.81	4.30	4.14	4.00	
2. Did the instructor make clear the expected goals	4	0	0	0	2	3	8	4.46	607/1522	4.30	4.31	4.26	4.18	4.46	
3. Did the exam questions reflect the expected goals	5	0	0	1	4	7	4	4.50	531/1285	4.31	4.32	4.30	4.22	4.50	
4. Did other evaluations reflect the expected goals	5	0	0	1	0	7	4	4.17	892/1476	4.27	4.29	4.22	4.09	4.17	
5. Did assigned readings contribute to what you learned	5	1	0	2	2	3	4	3.82	964/1412	3.55	3.57	4.06	4.01	3.82	
6. Did written assignments contribute to what you learned	5	0	0	1	1	2	8	4.42	423/1381	4.02	4.01	4.08	3.93	4.42	
7. Was the grading system clearly explained	5	0	0	1	0	4	7	4.42	615/1500	4.31	4.33	4.18	4.16	4.42	
8. How many times was class cancelled	6	0	0	0	0	0	11	5.00	1/1517	4.80	4.79	4.65	4.62	5.00	
9. How would you grade the overall teaching effectiveness	6	1	0	0	1	7	2	4.10	833/1497	3.94	3.95	4.11	4.02	4.10	
Lecture															
1. Were the instructor's lectures well prepared	5	0	0	0	0	0	12	5.00	1/1440	4.73	4.73	4.45	4.40	5.00	
2. Did the instructor seem interested in the subject	5	0	0	0	0	1	11	4.92	444/1448	4.77	4.76	4.71	4.63	4.92	
3. Was lecture material presented and explained clearly	5	0	0	0	0	1	11	4.92	110/1436	4.61	4.60	4.29	4.24	4.92	
4. Did the lectures contribute to what you learned	5	0	0	0	0	2	10	4.83	254/1432	4.45	4.43	4.29	4.23	4.83	
5. Did audiovisual techniques enhance your understanding	5	0	0	0	2	2	8	4.50	279/1221	4.34	4.33	3.93	3.86	4.50	
Discussion															
1. Did class discussions contribute to what you learned	13	0	0	1	0	0	3	4.25	****/1280	4.15	4.13	4.10	3.92	****	
2. Were all students actively encouraged to participate	13	0	0	0	1	0	3	4.50	****/1277	4.28	4.26	4.34	4.13	****	
3. Did the instructor encourage fair and open discussion	13	0	0	1	0	0	3	4.25	****/1269	4.41	4.41	4.31	4.04	****	
4. Were special techniques successful	13	2	0	0	0	0	2	5.00	****/ 854	3.96	4.00	4.02	3.87	****	
Laboratory															
1. Did the lab increase understanding of the material	7	0	0	0	0	3	7	4.70	57/ 215	4.41	4.43	4.36	4.31	4.70	
2. Were you provided with adequate background information	7	0	0	0	0	2	8	4.80	35/ 228	4.62	4.63	4.35	4.33	4.80	
3. Were necessary materials available for lab activities	7	0	0	0	0	1	9	4.90	35/ 217	4.73	4.74	4.51	4.51	4.90	
4. Did the lab instructor provide assistance	7	0	0	0	0	1	9	4.90	40/ 216	4.73	4.74	4.42	4.41	4.90	
5. Were requirements for lab reports clearly specified	7	0	0	1	0	2	7	4.50	67/ 205	4.66	4.67	4.23	4.28	4.50	
Seminar															
1. Were assigned topics relevant to the announced theme	16	0	0	0	0	0	1	5.00	****/ 79	****	****	4.58	4.13	****	
2. Was the instructor available for individual attention	16	0	0	0	0	0	1	5.00	****/ 77	****	****	4.52	4.03	****	
3. Did research projects contribute to what you learned	16	0	0	0	0	0	1	5.00	****/ 65	****	****	4.49	3.85	****	
4. Did presentations contribute to what you learned	16	0	0	0	0	0	1	5.00	****/ 78	****	****	4.45	3.88	****	
5. Were criteria for grading made clear	16	0	0	0	0	0	1	5.00	****/ 80	****	****	4.11	3.79	****	
Field Work															
1. Did field experience contribute to what you learned	16	0	0	0	0	0	1	5.00	****/ 47	****	****	4.41	3.90	****	
2. Did you clearly understand your evaluation criteria	16	0	0	0	0	0	1	5.00	****/ 45	****	****	4.30	3.90	****	
3. Was the instructor available for consultation	16	0	0	0	0	0	1	5.00	****/ 39	****	****	4.40	3.99	****	
4. To what degree could you discuss your evaluations	16	0	0	0	0	0	1	5.00	****/ 35	****	****	4.31	4.00	****	
5. Did conferences help you carry out field activities	16	0	0	0	0	0	1	5.00	****/ 34	****	****	4.30	4.11	****	
Self Paced															
1. Did self-paced system contribute to what you learned	16	0	0	0	0	0	1	5.00	****/ 37	****	****	4.63	4.53	****	
2. Did study questions make clear the expected goal	16	0	0	0	0	0	1	5.00	****/ 23	****	****	4.41	4.19	****	
3. Were your contacts with the instructor helpful	16	0	0	0	0	0	1	5.00	****/ 33	****	****	4.69	4.57	****	
4. Was the feedback/tutoring by proctors helpful	16	0	0	0	0	0	1	5.00	****/ 22	****	****	4.54	4.31	****	
5. Were there enough proctors for all the students	16	0	0	0	0	0	1	5.00	****/ 18	****	****	4.49	4.11	****	



Course-Section: SCI 100 0301  
 Title WATER; INTERDIS STUDY  
 Instructor: SHECKELLS, DANI  
 Enrollment: 18  
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Student Course Evaluation Questionnaire

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons	Type	Majors			
00-27	1	0.00-0.99	0	A	5	Required for Majors	8	Graduate	0	Major	0
28-55	4	1.00-1.99	0	B	4						
56-83	1	2.00-2.99	3	C	0	General	0	Under-grad	17	Non-major	17
84-150	0	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	1	F	0	Electives	0	#### - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	2				
				?	0						

Student Course Evaluation Questionnaire

Questions	Frequencies								Instructor		Course	Dept	UMBC	Level	Sect
	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	2	0	0	0	4	5	7	4.19	970/1522	3.83	3.81	4.30	4.14	4.19	
2. Did the instructor make clear the expected goals	2	0	0	0	0	5	11	4.69	334/1522	4.30	4.31	4.26	4.18	4.69	
3. Did the exam questions reflect the expected goals	2	0	0	0	2	4	10	4.50	531/1285	4.31	4.32	4.30	4.22	4.50	
4. Did other evaluations reflect the expected goals	2	0	0	0	3	4	9	4.38	660/1476	4.27	4.29	4.22	4.09	4.38	
5. Did assigned readings contribute to what you learned	2	0	0	0	6	4	6	4.00	760/1412	3.55	3.57	4.06	4.01	4.00	
6. Did written assignments contribute to what you learned	2	1	0	0	2	6	7	4.33	519/1381	4.02	4.01	4.08	3.93	4.33	
7. Was the grading system clearly explained	2	0	0	2	0	2	12	4.50	483/1500	4.31	4.33	4.18	4.16	4.50	
8. How many times was class cancelled	2	0	0	0	1	2	13	4.75	802/1517	4.80	4.79	4.65	4.62	4.75	
9. How would you grade the overall teaching effectiveness	14	0	0	0	0	3	1	4.25	****/1497	3.94	3.95	4.11	4.02	****	
Lecture															
1. Were the instructor's lectures well prepared	8	0	0	0	0	1	9	4.90	192/1440	4.73	4.73	4.45	4.40	4.95	
2. Did the instructor seem interested in the subject	7	0	0	0	0	1	10	4.91	494/1448	4.77	4.76	4.71	4.63	4.88	
3. Was lecture material presented and explained clearly	8	0	0	0	0	3	7	4.70	383/1436	4.61	4.60	4.29	4.24	4.78	
4. Did the lectures contribute to what you learned	8	0	0	0	2	3	5	4.30	847/1432	4.45	4.43	4.29	4.23	4.58	
5. Did audiovisual techniques enhance your understanding	7	0	0	0	2	4	5	4.27	448/1221	4.34	4.33	3.93	3.86	4.42	
Discussion															
1. Did class discussions contribute to what you learned	7	0	0	0	0	2	9	4.82	179/1280	4.15	4.13	4.10	3.92	4.82	
2. Were all students actively encouraged to participate	7	0	0	0	1	0	10	4.82	308/1277	4.28	4.26	4.34	4.13	4.82	
3. Did the instructor encourage fair and open discussion	7	0	0	0	1	1	9	4.73	410/1269	4.41	4.41	4.31	4.04	4.73	
4. Were special techniques successful	7	0	0	0	1	3	7	4.55	182/ 854	3.96	4.00	4.02	3.87	4.55	
Laboratory															
1. Did the lab increase understanding of the material	3	0	0	0	2	1	12	4.67	63/ 215	4.41	4.43	4.36	4.31	4.67	
2. Were you provided with adequate background information	3	0	0	0	0	1	14	4.93	19/ 228	4.62	4.63	4.35	4.33	4.93	
3. Were necessary materials available for lab activities	3	0	0	0	0	1	14	4.93	24/ 217	4.73	4.74	4.51	4.51	4.93	
4. Did the lab instructor provide assistance	3	0	0	0	0	1	14	4.93	28/ 216	4.73	4.74	4.42	4.41	4.93	
5. Were requirements for lab reports clearly specified	5	0	0	0	0	2	11	4.85	26/ 205	4.66	4.67	4.23	4.28	4.85	
Field Work															
1. Did field experience contribute to what you learned	17	0	0	0	0	0	1	5.00	****/ 47	****	****	4.41	3.90	****	
2. Did you clearly understand your evaluation criteria	17	0	0	0	0	0	1	5.00	****/ 45	****	****	4.30	3.90	****	
3. Was the instructor available for consultation	17	0	0	0	0	1	0	4.00	****/ 39	****	****	4.40	3.99	****	
4. To what degree could you discuss your evaluations	17	0	0	0	0	0	1	5.00	****/ 35	****	****	4.31	4.00	****	
5. Did conferences help you carry out field activities	17	0	0	0	0	0	1	5.00	****/ 34	****	****	4.30	4.11	****	

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors		
00-27	1	0.00-0.99	0	A 2	Required for Majors 9	Graduate 0	Major 0
28-55	2	1.00-1.99	0	B 11			
56-83	1	2.00-2.99	1	C 0	General 1	Under-grad 18	Non-major 18
84-150	2	3.00-3.49	2	D 0			
Grad.	0	3.50-4.00	3	F 0	Electives 1	#### - Means there are not enough responses to be significant	
				P 0			
				I 0	Other 4		
				? 1			

Course-Section: SCI 100 0302  
 Title WATER; INTERDIS STUDY  
 Instructor: SHECKELLS, DANI (Instr. B)  
 Enrollment: 19  
 Questionnaires: 18

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Student Course Evaluation Questionnaire

Questions	Frequencies								Instructor		Course	Dept	UMBC	Level	Sect
	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	2	0	0	0	4	5	7	4.19	970/1522	3.83	3.81	4.30	4.14	4.19	
2. Did the instructor make clear the expected goals	2	0	0	0	0	5	11	4.69	334/1522	4.30	4.31	4.26	4.18	4.69	
3. Did the exam questions reflect the expected goals	2	0	0	0	2	4	10	4.50	531/1285	4.31	4.32	4.30	4.22	4.50	
4. Did other evaluations reflect the expected goals	2	0	0	0	3	4	9	4.38	660/1476	4.27	4.29	4.22	4.09	4.38	
5. Did assigned readings contribute to what you learned	2	0	0	0	6	4	6	4.00	760/1412	3.55	3.57	4.06	4.01	4.00	
6. Did written assignments contribute to what you learned	2	1	0	0	2	6	7	4.33	519/1381	4.02	4.01	4.08	3.93	4.33	
7. Was the grading system clearly explained	2	0	0	2	0	2	12	4.50	483/1500	4.31	4.33	4.18	4.16	4.50	
8. How many times was class cancelled	2	0	0	0	1	2	13	4.75	802/1517	4.80	4.79	4.65	4.62	4.75	
9. How would you grade the overall teaching effectiveness	15	1	0	0	0	2	0	4.00	****/1497	3.94	3.95	4.11	4.02	****	
Lecture															
1. Were the instructor's lectures well prepared	11	0	0	0	0	0	7	5.00	1/1440	4.73	4.73	4.45	4.40	4.95	
2. Did the instructor seem interested in the subject	11	0	0	0	0	1	6	4.86	629/1448	4.77	4.76	4.71	4.63	4.88	
3. Was lecture material presented and explained clearly	11	0	0	0	0	1	6	4.86	170/1436	4.61	4.60	4.29	4.24	4.78	
4. Did the lectures contribute to what you learned	11	0	0	0	0	1	6	4.86	227/1432	4.45	4.43	4.29	4.23	4.58	
5. Did audiovisual techniques enhance your understanding	11	0	0	0	0	3	4	4.57	232/1221	4.34	4.33	3.93	3.86	4.42	
Discussion															
1. Did class discussions contribute to what you learned	7	0	0	0	0	2	9	4.82	179/1280	4.15	4.13	4.10	3.92	4.82	
2. Were all students actively encouraged to participate	7	0	0	0	1	0	10	4.82	308/1277	4.28	4.26	4.34	4.13	4.82	
3. Did the instructor encourage fair and open discussion	7	0	0	0	1	1	9	4.73	410/1269	4.41	4.41	4.31	4.04	4.73	
4. Were special techniques successful	7	0	0	0	1	3	7	4.55	182/ 854	3.96	4.00	4.02	3.87	4.55	
Laboratory															
1. Did the lab increase understanding of the material	3	0	0	0	2	1	12	4.67	63/ 215	4.41	4.43	4.36	4.31	4.67	
2. Were you provided with adequate background information	3	0	0	0	0	1	14	4.93	19/ 228	4.62	4.63	4.35	4.33	4.93	
3. Were necessary materials available for lab activities	3	0	0	0	0	1	14	4.93	24/ 217	4.73	4.74	4.51	4.51	4.93	
4. Did the lab instructor provide assistance	3	0	0	0	0	1	14	4.93	28/ 216	4.73	4.74	4.42	4.41	4.93	
5. Were requirements for lab reports clearly specified	5	0	0	0	0	2	11	4.85	26/ 205	4.66	4.67	4.23	4.28	4.85	
Field Work															
1. Did field experience contribute to what you learned	17	0	0	0	0	0	1	5.00	****/ 47	****	****	4.41	3.90	****	
2. Did you clearly understand your evaluation criteria	17	0	0	0	0	0	1	5.00	****/ 45	****	****	4.30	3.90	****	
3. Was the instructor available for consultation	17	0	0	0	0	1	0	4.00	****/ 39	****	****	4.40	3.99	****	
4. To what degree could you discuss your evaluations	17	0	0	0	0	0	1	5.00	****/ 35	****	****	4.31	4.00	****	
5. Did conferences help you carry out field activities	17	0	0	0	0	0	1	5.00	****/ 34	****	****	4.30	4.11	****	

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors		
00-27	1	0.00-0.99	0	A 2	Required for Majors 9	Graduate 0	Major 0
28-55	2	1.00-1.99	0	B 11			
56-83	1	2.00-2.99	1	C 0	General 1	Under-grad 18	Non-major 18
84-150	2	3.00-3.49	2	D 0			
Grad.	0	3.50-4.00	3	F 0	Electives 1	#### - Means there are not enough responses to be significant	
				P 0			
				I 0	Other 4		
				? 1			

Course-Section: SCI 100 0303  
 Title WATER; INTERDIS STUDY  
 Instructor: SHECKELLS, DANI  
 Enrollment: 17  
 Questionnaires: 17

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Student Course Evaluation Questionnaire

Questions	Frequencies								Instructor		Course	Dept	UMBC	Level	Sect
	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	1	0	1	0	3	5	7	4.06	1081/1522	3.83	3.81	4.30	4.14	4.06	
2. Did the instructor make clear the expected goals	2	0	0	0	4	0	11	4.47	607/1522	4.30	4.31	4.26	4.18	4.47	
3. Did the exam questions reflect the expected goals	2	0	0	0	2	2	11	4.60	425/1285	4.31	4.32	4.30	4.22	4.60	
4. Did other evaluations reflect the expected goals	2	0	0	1	1	5	8	4.33	703/1476	4.27	4.29	4.22	4.09	4.33	
5. Did assigned readings contribute to what you learned	2	3	0	1	6	1	4	3.67	1077/1412	3.55	3.57	4.06	4.01	3.67	
6. Did written assignments contribute to what you learned	2	0	1	1	2	4	7	4.00	806/1381	4.02	4.01	4.08	3.93	4.00	
7. Was the grading system clearly explained	2	0	0	1	2	4	8	4.27	770/1500	4.31	4.33	4.18	4.16	4.27	
8. How many times was class cancelled	3	0	0	0	0	1	13	4.93	389/1517	4.80	4.79	4.65	4.62	4.93	
9. How would you grade the overall teaching effectiveness	4	0	0	0	1	8	4	4.23	674/1497	3.94	3.95	4.11	4.02	4.23	
Lecture															
1. Were the instructor's lectures well prepared	2	0	0	0	2	3	10	4.53	763/1440	4.73	4.73	4.45	4.40	4.53	
2. Did the instructor seem interested in the subject	2	0	0	0	2	3	10	4.53	1131/1448	4.77	4.76	4.71	4.63	4.53	
3. Was lecture material presented and explained clearly	2	0	0	0	2	4	9	4.47	648/1436	4.61	4.60	4.29	4.24	4.47	
4. Did the lectures contribute to what you learned	2	0	0	1	2	3	9	4.33	820/1432	4.45	4.43	4.29	4.23	4.33	
5. Did audiovisual techniques enhance your understanding	2	0	0	0	4	4	7	4.20	500/1221	4.34	4.33	3.93	3.86	4.20	
Discussion															
1. Did class discussions contribute to what you learned	3	0	1	1	2	3	7	4.00	718/1280	4.15	4.13	4.10	3.92	4.00	
2. Were all students actively encouraged to participate	3	0	1	1	2	2	8	4.07	911/1277	4.28	4.26	4.34	4.13	4.07	
3. Did the instructor encourage fair and open discussion	3	0	1	0	2	2	9	4.29	756/1269	4.41	4.41	4.31	4.04	4.29	
4. Were special techniques successful	4	5	1	0	1	2	4	4.00	426/ 854	3.96	4.00	4.02	3.87	4.00	
Laboratory															
1. Did the lab increase understanding of the material	5	0	0	0	1	1	10	4.75	50/ 215	4.41	4.43	4.36	4.31	4.75	
2. Were you provided with adequate background information	5	0	0	0	0	3	9	4.75	45/ 228	4.62	4.63	4.35	4.33	4.75	
3. Were necessary materials available for lab activities	6	0	0	0	0	2	9	4.82	55/ 217	4.73	4.74	4.51	4.51	4.82	
4. Did the lab instructor provide assistance	6	0	0	0	0	1	10	4.91	40/ 216	4.73	4.74	4.42	4.41	4.91	
5. Were requirements for lab reports clearly specified	6	0	0	0	0	0	11	5.00	1/ 205	4.66	4.67	4.23	4.28	5.00	
Seminar															
1. Were assigned topics relevant to the announced theme	16	0	0	0	0	0	1	5.00	****/ 79	****	****	4.58	4.13	****	
2. Was the instructor available for individual attention	15	0	0	0	1	0	1	4.00	****/ 77	****	****	4.52	4.03	****	
3. Did research projects contribute to what you learned	15	0	0	0	1	1	0	3.50	****/ 65	****	****	4.49	3.85	****	
4. Did presentations contribute to what you learned	15	0	0	0	2	0	0	3.00	****/ 78	****	****	4.45	3.88	****	
5. Were criteria for grading made clear	15	0	0	0	0	1	1	4.50	****/ 80	****	****	4.11	3.79	****	
Field Work															
1. Did field experience contribute to what you learned	15	0	0	0	0	1	1	4.50	****/ 47	****	****	4.41	3.90	****	
2. Did you clearly understand your evaluation criteria	15	0	0	0	0	1	1	4.50	****/ 45	****	****	4.30	3.90	****	
3. Was the instructor available for consultation	15	0	0	0	0	0	2	5.00	****/ 39	****	****	4.40	3.99	****	
4. To what degree could you discuss your evaluations	15	0	0	0	0	1	1	4.50	****/ 35	****	****	4.31	4.00	****	
5. Did conferences help you carry out field activities	15	1	0	0	0	0	1	5.00	****/ 34	****	****	4.30	4.11	****	
Self Paced															
1. Did self-paced system contribute to what you learned	15	0	0	0	0	0	2	5.00	****/ 37	****	****	4.63	4.53	****	
2. Did study questions make clear the expected goal	15	0	0	0	0	0	2	5.00	****/ 23	****	****	4.41	4.19	****	
3. Were your contacts with the instructor helpful	15	1	0	0	0	0	1	5.00	****/ 33	****	****	4.69	4.57	****	
4. Was the feedback/tutoring by proctors helpful	15	1	0	0	0	0	1	5.00	****/ 22	****	****	4.54	4.31	****	
5. Were there enough proctors for all the students	15	1	0	0	0	0	1	5.00	****/ 18	****	****	4.49	4.11	****	

Course-Section: SCI 100 0303  
 Title WATER; INTERDIS STUDY  
 Instructor: SHECKELLS, DANI  
 Enrollment: 17  
 Questionnaires: 17

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Student Course Evaluation Questionnaire

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons	Type	Majors			
00-27	1	0.00-0.99	0	A	2	Required for Majors	11	Graduate	0	Major	0
28-55	5	1.00-1.99	1	B	9						
56-83	1	2.00-2.99	3	C	2	General	1	Under-grad	17	Non-major	17
84-150	1	3.00-3.49	4	D	0						
Grad.	0	3.50-4.00	0	F	2	Electives	0	#### - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	2				
				?	0						

Course-Section: SCI 100 0304  
 Title WATER; INTERDIS STUDY  
 Instructor: SHECKELLS, DANI  
 Enrollment: 17  
 Questionnaires: 12

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Student Course Evaluation Questionnaire

Questions	Frequencies								Instructor		Course	Dept	UMBC	Level	Sect
	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	2	2	1	4	3	3.33	1451/1522	3.83	3.81	4.30	4.14	3.33	
2. Did the instructor make clear the expected goals	0	0	1	0	1	4	6	4.17	965/1522	4.30	4.31	4.26	4.18	4.17	
3. Did the exam questions reflect the expected goals	0	0	0	0	3	3	6	4.25	766/1285	4.31	4.32	4.30	4.22	4.25	
4. Did other evaluations reflect the expected goals	0	0	0	0	1	4	7	4.50	473/1476	4.27	4.29	4.22	4.09	4.50	
5. Did assigned readings contribute to what you learned	0	2	1	1	3	1	4	3.60	1112/1412	3.55	3.57	4.06	4.01	3.60	
6. Did written assignments contribute to what you learned	0	0	0	1	3	5	3	3.83	992/1381	4.02	4.01	4.08	3.93	3.83	
7. Was the grading system clearly explained	0	0	0	0	2	2	8	4.50	483/1500	4.31	4.33	4.18	4.16	4.50	
8. How many times was class cancelled	0	2	0	0	0	1	9	4.90	487/1517	4.80	4.79	4.65	4.62	4.90	
9. How would you grade the overall teaching effectiveness	1	2	0	0	0	4	5	4.56	348/1497	3.94	3.95	4.11	4.02	4.56	
Lecture															
1. Were the instructor's lectures well prepared	0	0	0	0	1	1	10	4.75	452/1440	4.73	4.73	4.45	4.40	4.75	
2. Did the instructor seem interested in the subject	0	0	0	0	1	0	11	4.83	683/1448	4.77	4.76	4.71	4.63	4.83	
3. Was lecture material presented and explained clearly	0	0	0	0	1	3	8	4.58	502/1436	4.61	4.60	4.29	4.24	4.58	
4. Did the lectures contribute to what you learned	0	1	0	0	0	3	8	4.73	383/1432	4.45	4.43	4.29	4.23	4.73	
5. Did audiovisual techniques enhance your understanding	1	0	0	0	1	3	7	4.55	252/1221	4.34	4.33	3.93	3.86	4.55	
Discussion															
1. Did class discussions contribute to what you learned	7	0	0	0	2	1	2	4.00	718/1280	4.15	4.13	4.10	3.92	4.00	
2. Were all students actively encouraged to participate	7	0	0	0	1	1	3	4.40	692/1277	4.28	4.26	4.34	4.13	4.40	
3. Did the instructor encourage fair and open discussion	7	0	0	0	1	1	3	4.40	671/1269	4.41	4.41	4.31	4.04	4.40	
4. Were special techniques successful	7	1	2	0	1	0	1	2.50	832/ 854	3.96	4.00	4.02	3.87	2.50	
Laboratory															
1. Did the lab increase understanding of the material	4	0	0	0	1	3	4	4.38	116/ 215	4.41	4.43	4.36	4.31	4.38	
2. Were you provided with adequate background information	4	0	0	0	1	3	4	4.38	123/ 228	4.62	4.63	4.35	4.33	4.38	
3. Were necessary materials available for lab activities	4	0	0	0	1	1	6	4.63	98/ 217	4.73	4.74	4.51	4.51	4.63	
4. Did the lab instructor provide assistance	4	1	0	0	0	0	7	5.00	1/ 216	4.73	4.74	4.42	4.41	5.00	
5. Were requirements for lab reports clearly specified	4	0	0	0	2	0	6	4.50	67/ 205	4.66	4.67	4.23	4.28	4.50	

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors
00-27	0	0.00-0.99	A 6	Required for Majors	8
28-55	2	1.00-1.99	B 4		Graduate 0
56-83	2	2.00-2.99	C 2	General	0
84-150	1	3.00-3.49	D 0		Under-grad 12
Grad.	0	3.50-4.00	F 0	Electives	0
			P 0		#### - Means there are not enough responses to be significant
			I 0	Other	4
			? 0		

Course-Section: SCI 100 0305  
 Title WATER; INTERDIS STUDY  
 Instructor: SHECKELLS, DANI  
 Enrollment: 20  
 Questionnaires: 17

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Student Course Evaluation Questionnaire

Questions	Frequencies								Instructor		Course	Dept	UMBC	Level	Sect
	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	1	0	0	0	4	3	9	4.31	837/1522	3.83	3.81	4.30	4.14	4.31	
2. Did the instructor make clear the expected goals	1	0	0	1	1	2	12	4.56	477/1522	4.30	4.31	4.26	4.18	4.56	
3. Did the exam questions reflect the expected goals	1	1	0	0	3	3	9	4.40	650/1285	4.31	4.32	4.30	4.22	4.40	
4. Did other evaluations reflect the expected goals	1	0	0	0	5	3	8	4.19	871/1476	4.27	4.29	4.22	4.09	4.19	
5. Did assigned readings contribute to what you learned	1	2	0	2	4	4	4	3.71	1045/1412	3.55	3.57	4.06	4.01	3.71	
6. Did written assignments contribute to what you learned	1	0	0	0	1	6	9	4.50	331/1381	4.02	4.01	4.08	3.93	4.50	
7. Was the grading system clearly explained	2	0	1	0	1	1	12	4.53	454/1500	4.31	4.33	4.18	4.16	4.53	
8. How many times was class cancelled	1	0	0	0	1	1	14	4.81	691/1517	4.80	4.79	4.65	4.62	4.81	
9. How would you grade the overall teaching effectiveness	4	0	0	0	1	8	4	4.23	674/1497	3.94	3.95	4.11	4.02	4.23	
Lecture															
1. Were the instructor's lectures well prepared	2	0	0	0	0	3	12	4.80	353/1440	4.73	4.73	4.45	4.40	4.80	
2. Did the instructor seem interested in the subject	2	0	0	0	0	0	15	5.00	1/1448	4.77	4.76	4.71	4.63	5.00	
3. Was lecture material presented and explained clearly	2	0	0	0	0	3	12	4.80	217/1436	4.61	4.60	4.29	4.24	4.80	
4. Did the lectures contribute to what you learned	2	0	0	0	1	4	10	4.60	527/1432	4.45	4.43	4.29	4.23	4.60	
5. Did audiovisual techniques enhance your understanding	3	0	0	1	1	1	11	4.57	232/1221	4.34	4.33	3.93	3.86	4.57	
Discussion															
1. Did class discussions contribute to what you learned	11	0	0	0	1	1	4	4.50	390/1280	4.15	4.13	4.10	3.92	4.50	
2. Were all students actively encouraged to participate	11	0	0	0	1	0	5	4.67	470/1277	4.28	4.26	4.34	4.13	4.67	
3. Did the instructor encourage fair and open discussion	11	0	0	0	0	0	6	5.00	1/1269	4.41	4.41	4.31	4.04	5.00	
4. Were special techniques successful	11	0	0	0	1	0	5	4.67	141/ 854	3.96	4.00	4.02	3.87	4.67	
Laboratory															
1. Did the lab increase understanding of the material	10	0	0	0	0	2	5	4.71	54/ 215	4.41	4.43	4.36	4.31	4.71	
2. Were you provided with adequate background information	10	0	0	0	0	3	4	4.57	73/ 228	4.62	4.63	4.35	4.33	4.57	
3. Were necessary materials available for lab activities	10	0	0	0	1	2	4	4.43	144/ 217	4.73	4.74	4.51	4.51	4.43	
4. Did the lab instructor provide assistance	10	0	0	0	1	1	5	4.57	110/ 216	4.73	4.74	4.42	4.41	4.57	
5. Were requirements for lab reports clearly specified	10	0	0	0	0	0	7	5.00	1/ 205	4.66	4.67	4.23	4.28	5.00	

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors
00-27	0	0.00-0.99	A 8	Required for Majors	10
28-55	0	1.00-1.99	B 4		Graduate 0
56-83	0	2.00-2.99	C 0	General	1
84-150	5	3.00-3.49	D 0		Under-grad 17
Grad.	0	3.50-4.00	F 2	Electives	0
			P 0		#### - Means there are not enough responses to be significant
			I 0	Other	2
			? 0		

Course-Section: SCI 100H 0101  
 Title  
 Instructor: READEL, KARIN  
 Enrollment: 15  
 Questionnaires: 15

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Student Course Evaluation Questionnaire

Questions	Frequencies								Instructor		Course	Dept	UMBC	Level	Sect
	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	1	0	2	0	3	6	3	3.57	1376/1522	3.57	3.81	4.30	4.14	3.57	
2. Did the instructor make clear the expected goals	1	0	0	0	2	4	8	4.43	670/1522	4.43	4.31	4.26	4.18	4.43	
3. Did the exam questions reflect the expected goals	3	0	0	0	0	5	7	4.58	446/1285	4.58	4.32	4.30	4.22	4.58	
4. Did other evaluations reflect the expected goals	3	0	0	0	1	4	7	4.50	473/1476	4.50	4.29	4.22	4.09	4.50	
5. Did assigned readings contribute to what you learned	2	0	1	0	3	5	4	3.85	940/1412	3.85	3.57	4.06	4.01	3.85	
6. Did written assignments contribute to what you learned	0	0	0	2	3	5	5	3.87	969/1381	3.87	4.01	4.08	3.93	3.87	
7. Was the grading system clearly explained	0	1	0	0	0	5	9	4.64	337/1500	4.64	4.33	4.18	4.16	4.64	
8. How many times was class cancelled	1	0	0	0	0	4	10	4.71	873/1517	4.71	4.79	4.65	4.62	4.71	
9. How would you grade the overall teaching effectiveness	1	0	0	0	3	7	4	4.07	852/1497	4.07	3.95	4.11	4.02	4.07	
Lecture															
1. Were the instructor's lectures well prepared	2	0	0	0	0	4	9	4.69	565/1440	4.69	4.73	4.45	4.40	4.69	
2. Did the instructor seem interested in the subject	1	0	0	0	1	2	11	4.71	935/1448	4.71	4.76	4.71	4.63	4.71	
3. Was lecture material presented and explained clearly	1	0	0	0	0	7	7	4.50	601/1436	4.50	4.60	4.29	4.24	4.50	
4. Did the lectures contribute to what you learned	1	0	1	0	2	4	7	4.14	963/1432	4.14	4.43	4.29	4.23	4.14	
5. Did audiovisual techniques enhance your understanding	2	0	0	0	4	3	6	4.15	532/1221	4.15	4.33	3.93	3.86	4.15	
Discussion															
1. Did class discussions contribute to what you learned	4	0	0	2	2	3	4	3.82	869/1280	3.82	4.13	4.10	3.92	3.82	
2. Were all students actively encouraged to participate	4	0	1	0	1	6	3	3.91	1013/1277	3.91	4.26	4.34	4.13	3.91	
3. Did the instructor encourage fair and open discussion	4	0	0	1	0	3	7	4.45	628/1269	4.45	4.41	4.31	4.04	4.45	
4. Were special techniques successful	4	1	0	0	1	3	6	4.50	194/ 854	4.50	4.00	4.02	3.87	4.50	
Laboratory															
1. Did the lab increase understanding of the material	3	0	0	0	1	2	9	4.67	63/ 215	4.67	4.43	4.36	4.31	4.67	
2. Were you provided with adequate background information	3	0	0	0	0	4	8	4.67	61/ 228	4.67	4.63	4.35	4.33	4.67	
3. Were necessary materials available for lab activities	3	0	0	0	0	1	11	4.92	31/ 217	4.92	4.74	4.51	4.51	4.92	
4. Did the lab instructor provide assistance	3	0	0	0	0	2	10	4.83	52/ 216	4.83	4.74	4.42	4.41	4.83	
5. Were requirements for lab reports clearly specified	3	0	0	0	0	2	10	4.83	27/ 205	4.83	4.67	4.23	4.28	4.83	

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	1	0.00-0.99	2	A	8	Required for Majors	10	Graduate	0	Major	0
28-55	1	1.00-1.99	0	B	4						
56-83	2	2.00-2.99	0	C	0	General	1	Under-grad	15	Non-major	15
84-150	2	3.00-3.49	3	D	0						
Grad.	0	3.50-4.00	8	F	0	Electives	0	#### - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	1				
				?	1						