Course-Section: STAT 121 01

Title: Intro Statistics:Soc Sci

Instructor: Slowikowski,Wil

Term - Spring 2011

Enrollment: 97

| '   |    |    |    | 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  | 4   | 14   | 23   | 22 | 3.95 | 1146/1449 | 3.85   | 4.29 | 4.33 | 4.14  | 3.95 |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 0  | 7   | 14   | 20   | 23 | 3.92 | 1133/1446 | 4.11   | 4.25 | 4.29 | 4.20  | 3.92 |
| 3. Did the exam questions reflect the expected goals      | 0  | 0  | 0  | 8   | 13   | 21   | 22 | 3.89 | 1019/1256 | 4.07   | 4.33 | 4.34 | 4.21  | 3.89 |
| 4. Did other evaluations reflect the expected goals       | 2  | 31 | 0  | 4   | 9    | 8    | 10 | 3.77 | 1162/1402 | 3.87   | 4.11 | 4.27 | 4.10  | 3.77 |
| 5. Did assigned readings contribute to what you learned   | 1  | 10 | 1  | 3   | 12   | 16   | 21 | 4.00 | 827/1358  | 4.13   | 3.96 | 4.13 | 4.04  | 4.00 |
| 6. Did written assignments contribute to what you learned | 2  | 47 | 2  | 4   | 4    | 1    | 4  | 3.07 | ****/1327 | 3.54   | 4.28 | 4.16 | 3.92  | **** |
| 7. Was the grading system clearly explained               | 0  | 0  | 2  | 7   | 3    | 14   | 38 | 4.23 | 788/1435  | 4.36   | 4.19 | 4.20 | 4.11  | 4.23 |
| 8. How many times was class cancelled                     | 2  | 0  | 0  | 0   | 0    | 11   | 51 | 4.82 | 687/1446  | 4.87   | 4.74 | 4.67 | 4.57  | 4.82 |
| 9. How would you grade the overall teaching effectiveness | 14 | 1  | 0  | 4   | 13   | 20   | 12 | 3.82 | 1075/1437 | 3.92   | 4.02 | 4.12 | 4.04  | 3.82 |
| Lecture   |    |    |    |     |      |      |    |      |           |        |      |      |       |      |
| 1. Were the instructor's lectures well prepared           | 2  | 0  | 1  | 2   | 7    | 15   | 37 | 4.37 | 954/1386  | 4.40   | 4.48 | 4.48 | 4.40  | 4.37 |
| 2. Did the instructor seem interested in the subject      | 1  | 0  | 0  | 1   | 6    | 14   | 42 | 4.54 | 1134/1390 | 4.68   | 4.76 | 4.74 | 4.67  | 4.54 |
| 3. Was lecture material presented and explained clearly   | 5  | 0  | 0  | 6   | 10   | 20   | 23 | 4.02 | 1054/1379 | 4.18   | 4.21 | 4.34 | 4.28  | 4.02 |
| 4. Did the lectures contribute to what you learned        | 2  | 0  | 0  | 1   | 11   | 14   | 36 | 4.37 | 807/1379  | 4.35   | 4.33 | 4.36 | 4.26  | 4.37 |
| 5. Did audiovisual techniques enhance your understanding  | 5  | 41 | 0  | 4   | 3    | 3    | 8  | 3.83 | 864/1236  | 4.02   | 3.93 | 4.08 | 3.93  | 3.83 |
| Discussion  |    |    |    |     |      |      |    |      |           |        |      |      |       |      |
| 1. Did class discussions contribute to what you learned   | 11 | 0  | 14 | 7   | 14   | 7    | 11 | 2.89 | 1067/1121 | 3.50   | 3.68 | 4.18 | 3.89  | 2.89 |
| 2. Were all students actively encouraged to participate   | 11 | 0  | 12 | 8   | 12   | 9    | 12 | 3.02 | 1081/1122 | 3.55   | 3.93 | 4.36 | 4.09  | 3.02 |
| 3. Did the instructor encourage fair and open discussion  | 11 | 0  | 6  | 7   | 15   | 10   | 15 | 3.40 | 1042/1121 | 3.91   | 4.14 | 4.40 | 4.08  | 3.40 |
| 4. Were special techniques successful                     | 12 | 44 | 3  | 1   | 1    | 0    | 3  | 2.88 | ****/790  | ****   | 4.17 | 4.06 | 3.89  | **** |

Course-Section: STAT 121 01

Title: Intro Statistics:Soc Sci

Instructor: Slowikowski,Wil

Term - Spring 2011

Enrollment: 97

|   | •  |    |   | 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  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 1. Did the lab increase understanding of the material     | 57 | 1  | 1 | 1   | 1    | 1    | 2 | 3.33 | ****/200 | ****   | **** | 4.28 | 4.19  | **** |
| 2. Were you provided with adequate background information | 58 | 0  | 0 | 1   | 1    | 3    | 1 | 3.67 | ****/205 | ****   | **** | 4.29 | 4.37  | **** |
| 3. Were necessary materials available for lab activities  | 58 | 3  | 0 | 1   | 0    | 1    | 1 | 3.67 | ****/201 | ****   | **** | 4.51 | 4.57  | **** |
| 4. Did the lab instructor provide assistance              | 58 | 1  | 0 | 1   | 2    | 1    | 1 | 3.40 | ****/202 | ***    | **** | 4.42 | 4.55  | **** |
| 5. Were requirements for lab reports clearly specified    | 58 | 3  | 0 | 0   | 0    | 1    | 2 | 4.67 | ****/196 | ****   | **** | 4.25 | 4.42  | **** |
| Seminar   |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 1. Were assigned topics relevant to the announced theme   | 59 | 1  | 0 | 0   | 1    | 1    | 2 | 4.25 | ****/67  | ****   | 5.00 | 4.58 | 4.48  | **** |
| 2. Was the instructor available for individual attention  | 60 | 3  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/66  | ****   | 5.00 | 4.36 | 4.35  | **** |
| 3. Did research projects contribute to what you learned   | 60 | 3  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/64  | ****   | 5.00 | 4.25 | 4.01  | **** |
| 4. Did presentations contribute to what you learned       | 60 | 2  | 0 | 0   | 0    | 1    | 1 | 4.50 | ****/75  | ****   | 5.00 | 4.32 | 3.95  | **** |
| 5. Were criteria for grading made clear                   | 60 | 3  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/73  | ****   | 5.00 | 4.00 | 3.44  | **** |
| Field Work  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 1. Did field experience contribute to what you learned    | 60 | 0  | 2 | 0   | 1    | 0    | 1 | 2.50 | ****/34  | ***    | 5.00 | 4.33 | 2.63  | **** |
| 2. Did you clearly understand your evaluation criteria    | 60 | 0  | 0 | 1   | 0    | 1    | 2 | 4.00 | ****/35  | ***    | 5.00 | 4.15 | 5.00  | **** |
| 3. Was the instructor available for consultation          | 60 | 1  | 0 | 0   | 0    | 1    | 2 | 4.67 | ****/30  | ***    | 5.00 | 4.09 | 5.00  | **** |
| 4. To what degree could you discuss your evaluations      | 61 | 1  | 0 | 1   | 0    | 0    | 1 | 3.50 | ****/30  | ***    | 5.00 | 4.04 | 4.75  | **** |
| 5. Did conferences help you carry out field activities    | 60 | 3  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/27  | ****   | 5.00 | 4.13 | ****  | **** |
| Self Paced  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| Did self-paced system contribute to what you learned      | 61 | 0  | 0 | 1   | 0    | 0    | 2 | 4.00 | ****/31  | ****   | 4.50 | 4.34 | 4.82  | **** |
| 2. Did study questions make clear the expected goal       | 60 | 1  | 0 | 0   | 1    | 0    | 2 | 4.33 | ****/18  | ****   | 4.50 | 4.13 | 4.88  | **** |
| 3. Were your contacts with the instructor helpful         | 61 | 1  | 0 | 1   | 0    | 0    | 1 | 3.50 | ****/24  | ***    | 5.00 | 4.34 | 4.64  | **** |

Course-Section: STAT 121 01

Title: Intro Statistics:Soc Sci

Instructor: Slowikowski,Wil

Term - Spring 2011

Enrollment: 97

Questionnaires: 64

|  |    |    |   | 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 |
| Self Paced   |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 4. Was the feedback/tutoring by proctors helpful   | 60 | 2  | 0 | 0   | 0    | 1    | 1 | 4.50 | ****/15  | ****   | 5.00 | 4.18 | 4.50  | ***  |
| 5. Were there enough proctors for all the students | 60 | 2  | 0 | 0   | 1    | 0    | 1 | 4.00 | ****/13  | ****   | 5.00 | 4.07 | 4.63  | **** |

## Frequency Distribution

| Credi | ts Earned | Cum. G    | iPΑ | Expected | d Grades | Reasons             |    | Туре             |             | Majors           |    |
|-------|-----------|-----------|-----|----------|----------|---------------------|----|------------------|-------------|------------------|----|
| 00-2  | 7 12      | 0.00-0.99 | ) 1 | Α        | 14       | Required for Majors | 36 | Graduate         | 0           | Major            | 0  |
| 28-5  | 5 7       | 1.00-1.99 | ) 1 | В        | 27       |                     |    |                  |             |                  |    |
| 56-8  | 3 8       | 2.00-2.99 | 7   | С        | 11       | General             | 14 | Under-grad       | 64          | Non-major        | 64 |
| 84-15 | 0 4       | 3.00-3.49 | 11  | D        | 1        |                     |    |                  |             |                  |    |
| Grad  | d. 0      | 3.50-4.00 | 13  | F        | 0        | Electives           | 2  | **** - Means th  | ere are not | enough responses |    |
|       |           |           |     | Р        | 0        |                     |    | to be significan | t           |                  |    |
|       |           |           |     | I        | 0        | Other               | 2  |                  |             |                  |    |
|       |           |           |     | ?        | 9        |                     |    |                  |             |                  |    |

Course-Section: STAT 121 05

Title: Intro Statistics:Soc Sci

Instructor: Kegan,Bonnie E

Term - Spring 2011

Enrollment: 108

Questionnaires: 83

|   | _  |    |   | 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     | 1  | 0  | 5 | 6   | 19   | 27   | 25 | 3.74 | 1267/1449 | 3.85   | 4.29 | 4.33 | 4.14  | 3.74 |
| 2. Did the instructor make clear the expected goals       | 1  | 0  | 1 | 1   | 13   | 25   | 42 | 4.29 | 819/1446  | 4.11   | 4.25 | 4.29 | 4.20  | 4.29 |
| 3. Did the exam questions reflect the expected goals      | 2  | 0  | 0 | 3   | 11   | 29   | 38 | 4.26 | 784/1256  | 4.07   | 4.33 | 4.34 | 4.21  | 4.26 |
| 4. Did other evaluations reflect the expected goals       | 1  | 23 | 1 | 4   | 14   | 17   | 23 | 3.97 | 1050/1402 | 3.87   | 4.11 | 4.27 | 4.10  | 3.97 |
| 5. Did assigned readings contribute to what you learned   | 3  | 17 | 2 | 2   | 8    | 17   | 34 | 4.25 | 628/1358  | 4.13   | 3.96 | 4.13 | 4.04  | 4.25 |
| 6. Did written assignments contribute to what you learned | 3  | 41 | 4 | 3   | 12   | 8    | 12 | 3.54 | 1115/1327 | 3.54   | 4.28 | 4.16 | 3.92  | 3.54 |
| 7. Was the grading system clearly explained               | 3  | 0  | 1 | 1   | 8    | 18   | 52 | 4.49 | 505/1435  | 4.36   | 4.19 | 4.20 | 4.11  | 4.49 |
| 8. How many times was class cancelled                     | 4  | 6  | 0 | 0   | 1    | 4    | 68 | 4.92 | 473/1446  | 4.87   | 4.74 | 4.67 | 4.57  | 4.92 |
| 9. How would you grade the overall teaching effectiveness | 16 | 7  | 0 | 2   | 9    | 34   | 15 | 4.03 | 848/1437  | 3.92   | 4.02 | 4.12 | 4.04  | 4.03 |
| Lecture   |    |    |   |     |      |      |    |      |           |        |      |      |       |      |
| 1. Were the instructor's lectures well prepared           | 17 | 0  | 0 | 3   | 3    | 23   | 37 | 4.42 | 903/1386  | 4.40   | 4.48 | 4.48 | 4.40  | 4.42 |
| 2. Did the instructor seem interested in the subject      | 14 | 0  | 0 | 0   | 2    | 8    | 59 | 4.83 | 735/1390  | 4.68   | 4.76 | 4.74 | 4.67  | 4.83 |
| 3. Was lecture material presented and explained clearly   | 15 | 0  | 0 | 2   | 9    | 20   | 37 | 4.35 | 814/1379  | 4.18   | 4.21 | 4.34 | 4.28  | 4.35 |
| 4. Did the lectures contribute to what you learned        | 13 | 7  | 1 | 2   | 8    | 16   | 36 | 4.33 | 836/1379  | 4.35   | 4.33 | 4.36 | 4.26  | 4.33 |
| 5. Did audiovisual techniques enhance your understanding  | 18 | 27 | 1 | 2   | 4    | 12   | 19 | 4.21 | 583/1236  | 4.02   | 3.93 | 4.08 | 3.93  | 4.21 |
| Discussion  |    |    |   |     |      |      |    |      |           |        |      |      |       |      |
| 1. Did class discussions contribute to what you learned   | 29 | 0  | 6 | 1   | 7    | 7    | 33 | 4.11 | 693/1121  | 3.50   | 3.68 | 4.18 | 3.89  | 4.11 |
| 2. Were all students actively encouraged to participate   | 33 | 0  | 4 | 2   | 6    | 12   | 26 | 4.08 | 837/1122  | 3.55   | 3.93 | 4.36 | 4.09  | 4.08 |
| 3. Did the instructor encourage fair and open discussion  | 34 | 0  | 0 | 2   | 6    | 10   | 31 | 4.43 | 673/1121  | 3.91   | 4.14 | 4.40 | 4.08  | 4.43 |
| 4. Were special techniques successful                     | 31 | 34 | 0 | 5   | 0    | 4    | 9  | 3.94 | ****/790  | ***    | 4.17 | 4.06 | 3.89  | **** |

Course-Section: STAT 121 05

Title: Intro Statistics:Soc Sci

Instructor: Kegan,Bonnie E

Term - Spring 2011

Enrollment: 108

|   | -  |    |   | 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 |
| Laboratory  |    |    |   |     |      |      |    |      |          |        |      |      |       |      |
| 1. Did the lab increase understanding of the material     | 74 | 6  | 0 | 0   | 0    | 0    | 3  | 5.00 | ****/200 | ****   | **** | 4.28 | 4.19  | **** |
| 2. Were you provided with adequate background information | 75 | 0  | 1 | 0   | 0    | 1    | 6  | 4.38 | ****/205 | ***    | **** | 4.29 | 4.37  | **** |
| 3. Were necessary materials available for lab activities  | 75 | 6  | 0 | 0   | 0    | 1    | 1  | 4.50 | ****/201 | ***    | **** | 4.51 | 4.57  | **** |
| 4. Did the lab instructor provide assistance              | 76 | 4  | 0 | 0   | 0    | 0    | 3  | 5.00 | ****/202 | ***    | **** | 4.42 | 4.55  | **** |
| 5. Were requirements for lab reports clearly specified    | 76 | 5  | 0 | 0   | 0    | 0    | 2  | 5.00 | ****/196 | ***    | **** | 4.25 | 4.42  | **** |
| Seminar   |    |    |   |     |      |      |    |      |          |        |      |      |       |      |
| 1. Were assigned topics relevant to the announced theme   | 78 | 3  | 0 | 0   | 0    | 0    | 2  | 5.00 | ****/67  | ****   | 5.00 | 4.58 | 4.48  | **** |
| 2. Was the instructor available for individual attention  | 79 | 2  | 0 | 0   | 0    | 0    | 2  | 5.00 | ****/66  | ***    | 5.00 | 4.36 | 4.35  | **** |
| 3. Did research projects contribute to what you learned   | 79 | 2  | 1 | 0   | 0    | 0    | 1  | 3.00 | ****/64  | ***    | 5.00 | 4.25 | 4.01  | **** |
| 4. Did presentations contribute to what you learned       | 79 | 3  | 0 | 0   | 0    | 0    | 1  | 5.00 | ****/75  | ****   | 5.00 | 4.32 | 3.95  | **** |
| 5. Were criteria for grading made clear                   | 79 | 2  | 0 | 0   | 0    | 0    | 2  | 5.00 | ****/73  | ****   | 5.00 | 4.00 | 3.44  | **** |
| Field Work  |    |    |   |     |      |      |    |      |          |        |      |      |       |      |
| 1. Did field experience contribute to what you learned    | 80 | 0  | 0 | 0   | 1    | 0    | 2  | 4.33 | ****/34  | ***    | 5.00 | 4.33 | 2.63  | **** |
| 2. Did you clearly understand your evaluation criteria    | 80 | 0  | 0 | 0   | 0    | 1    | 2  | 4.67 | ****/35  | ***    | 5.00 | 4.15 | 5.00  | **** |
| 3. Was the instructor available for consultation          | 80 | 0  | 0 | 0   | 0    | 1    | 2  | 4.67 | ****/30  | ***    | 5.00 | 4.09 | 5.00  | **** |
| 4. To what degree could you discuss your evaluations      | 80 | 1  | 0 | 0   | 1    | 0    | 1  | 4.00 | ****/30  | ***    | 5.00 | 4.04 | 4.75  | **** |
| 5. Did conferences help you carry out field activities    | 80 | 1  | 0 | 0   | 1    | 0    | 1  | 4.00 | ****/27  | ***    | 5.00 | 4.13 | ****  | ***  |
| Self Paced  |    |    |   |     |      |      |    |      |          |        |      |      |       |      |
| Did self-paced system contribute to what you learned      | 70 | 0  | 1 | 1   | 0    | 1    | 10 | 4.38 | ****/31  | ***    | 4.50 | 4.34 | 4.82  | ***  |
| 2. Did study questions make clear the expected goal       | 71 | 1  | 0 | 1   | 1    | 4    | 5  | 4.18 | ****/18  | ***    | 4.50 | 4.13 | 4.88  | **** |
| 3. Were your contacts with the instructor helpful         | 71 | 2  | 0 | 1   | 1    | 2    | 6  | 4.30 | ****/24  | ***    | 5.00 | 4.34 | 4.64  | **** |

Course-Section: STAT 121 05

Title: Intro Statistics:Soc Sci
Instructor: Kegan,Bonnie E

Term - Spring 2011

Enrollment: 108

Questionnaires: 83

|  |    |    |   | 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 |
| Self Paced   |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 4. Was the feedback/tutoring by proctors helpful   | 73 | 5  | 0 | 0   | 0    | 2    | 3 | 4.60 | ****/15  | ****   | 5.00 | 4.18 | 4.50  | **** |
| 5. Were there enough proctors for all the students | 73 | 5  | 0 | 0   | 0    | 2    | 3 | 4.60 | ****/13  | ****   | 5.00 | 4.07 | 4.63  | **** |

## Frequency Distribution

| arned | Cum. GP.     | Α   | Expected   | d Grades   | Reasons   |    | Туре             |             | Majors           |    |
|-------|--------------|---|--|--|---|----|------------------|-------------|------------------|----|
| 11    | 0.00-0.99    | 1   | Α  | 32   | Required for Majors   | 32 | Graduate         | 0           | Major            | 0  |
| 6     | 1.00-1.99    | 0   | В  | 31   |   |    |                  |             |                  |    |
| 7     | 2.00-2.99    | 6   | С  | 4  | General   | 23 | Under-grad       | 83          | Non-major        | 83 |
| 9     | 3.00-3.49    | 20  | D  | 0  |   |    |                  |             |                  |    |
| 0     | 3.50-4.00    | 13  | F  | 0  | Electives   | 5  | **** - Means the | ere are not | enough responses |    |
|       |              |   | Р  | 0  |   |    | to be significan | t           |                  |    |
|       |              |   | I  | 0  | Other   | 3  |                  |             |                  |    |
|       |              |   | ?  | 16   |   |    |                  |             |                  |    |
|       | 11<br>6<br>7 | 11 0.00-0.99<br>6 1.00-1.99<br>7 2.00-2.99<br>9 3.00-3.49 | 11 0.00-0.99 1<br>6 1.00-1.99 0<br>7 2.00-2.99 6<br>9 3.00-3.49 20 | 11 0.00-0.99 1 A 6 1.00-1.99 0 B 7 2.00-2.99 6 C 9 3.00-3.49 20 D 0 3.50-4.00 13 F P | 11 0.00-0.99 1 A 32<br>6 1.00-1.99 0 B 31<br>7 2.00-2.99 6 C 4<br>9 3.00-3.49 20 D 0<br>0 3.50-4.00 13 F 0<br>P 0 | 11 | 11               | 11          | 11               | 11 |

Course-Section: STAT 350 01

Title: Stat W/App In Biol Sci
Instructor: Liu,Yun

Term - Spring 2011

Enrollment: 97

| Lia, ran  | NR NA 1 2 3 4 5 Mean |    |   |     |      |      |    |      |           |        |      |      |       |      |
|---|----------------------|----|---|-----|------|------|----|------|-----------|--------|------|------|-------|------|
|   |                      |    |   | 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   | 5    | 7    | 18 | 4.25 | 903/1449  | 4.17   | 4.29 | 4.33 | 4.38  | 4.25 |
| 2. Did the instructor make clear the expected goals       | 0                    | 0  | 0 | 0   | 0    | 9    | 23 | 4.72 | 285/1446  | 4.30   | 4.25 | 4.29 | 4.33  | 4.72 |
| 3. Did the exam questions reflect the expected goals      | 1                    | 0  | 0 | 0   | 0    | 3    | 28 | 4.90 | 133/1256  | 4.60   | 4.33 | 4.34 | 4.39  | 4.90 |
| 4. Did other evaluations reflect the expected goals       | 0                    | 5  | 0 | 2   | 1    | 7    | 17 | 4.44 | 613/1402  | 4.25   | 4.11 | 4.27 | 4.37  | 4.44 |
| 5. Did assigned readings contribute to what you learned   | 0                    | 9  | 0 | 1   | 2    | 6    | 14 | 4.43 | 449/1358  | 4.41   | 3.96 | 4.13 | 4.14  | 4.43 |
| 6. Did written assignments contribute to what you learned | 0                    | 13 | 0 | 1   | 2    | 4    | 12 | 4.42 | 500/1327  | 4.39   | 4.28 | 4.16 | 4.23  | 4.42 |
| 7. Was the grading system clearly explained               | 0                    | 0  | 0 | 0   | 3    | 5    | 24 | 4.66 | 325/1435  | 4.45   | 4.19 | 4.20 | 4.25  | 4.66 |
| 8. How many times was class cancelled                     | 1                    | 0  | 0 | 0   | 0    | 1    | 30 | 4.97 | 211/1446  | 4.94   | 4.74 | 4.67 | 4.68  | 4.97 |
| 9. How would you grade the overall teaching effectiveness | 4                    | 0  | 0 | 1   | 0    | 14   | 13 | 4.39 | 481/1437  | 3.96   | 4.02 | 4.12 | 4.14  | 4.39 |
| Lecture   |                      |    |   |     |      |      |    |      |           |        |      |      |       |      |
| 1. Were the instructor's lectures well prepared           | 1                    | 0  | 0 | 0   | 1    | 5    | 25 | 4.77 | 425/1386  | 4.36   | 4.48 | 4.48 | 4.53  | 4.77 |
| 2. Did the instructor seem interested in the subject      | 2                    | 0  | 0 | 1   | 0    | 2    | 27 | 4.83 | 710/1390  | 4.66   | 4.76 | 4.74 | 4.76  | 4.83 |
| 3. Was lecture material presented and explained clearly   | 2                    | 0  | 0 | 1   | 0    | 4    | 25 | 4.77 | 302/1379  | 4.14   | 4.21 | 4.34 | 4.38  | 4.77 |
| 4. Did the lectures contribute to what you learned        | 1                    | 0  | 0 | 0   | 1    | 9    | 21 | 4.65 | 531/1379  | 3.97   | 4.33 | 4.36 | 4.40  | 4.65 |
| 5. Did audiovisual techniques enhance your understanding  | 2                    | 1  | 0 | 0   | 5    | 4    | 20 | 4.52 | 324/1236  | 3.96   | 3.93 | 4.08 | 4.18  | 4.52 |
| Discussion  |                      |    |   |     |      |      |    |      |           |        |      |      |       |      |
| 1. Did class discussions contribute to what you learned   | 5                    | 0  | 5 | 3   | 6    | 6    | 7  | 3.26 | 1012/1121 | 3.65   | 3.68 | 4.18 | 4.31  | 3.26 |
| 2. Were all students actively encouraged to participate   | 5                    | 0  | 3 | 4   | 4    | 9    | 7  | 3.48 | 1009/1122 | 3.48   | 3.93 | 4.36 | 4.46  | 3.48 |
| 3. Did the instructor encourage fair and open discussion  | 6                    | 0  | 3 | 1   | 4    | 4    | 14 | 3.96 | 881/1121  | 3.97   | 4.14 | 4.40 | 4.53  | 3.96 |
| 4. Were special techniques successful                     | 6                    | 18 | 0 | 2   | 1    | 2    | 3  | 3.75 | 562/790   | 3.75   | 4.17 | 4.06 | 4.11  | 3.75 |

Course-Section: STAT 350 01

Title: Stat W/App In Biol Sci
Instructor: Liu.Yun

Term - Spring 2011

Enrollment: 97

| Instructor: Liu, Yun                                      |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
|---|----|----|---|-----|------|------|---|------|----------|--------|------|------|-------|------|
|   |    |    |   | 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  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| Did the lab increase understanding of the material        | 30 | 0  | 0 | 0   | 0    | 1    | 1 | 4.50 | ****/200 | ***    | **** | 4.28 | 4.44  | **** |
| 2. Were you provided with adequate background information | 30 | 0  | 0 | 0   | 0    | 1    | 1 | 4.50 | ****/205 | ****   | **** | 4.29 | 4.44  | **** |
| 3. Were necessary materials available for lab activities  | 30 | 0  | 0 | 0   | 0    | 1    | 1 | 4.50 | ****/201 | ****   | **** | 4.51 | 4.59  | **** |
| 4. Did the lab instructor provide assistance              | 31 | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/202 | ****   | **** | 4.42 | 4.48  | **** |
| 5. Were requirements for lab reports clearly specified    | 31 | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/196 | ****   | **** | 4.25 | 4.37  | **** |
| Seminar   |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| Were assigned topics relevant to the announced theme      | 30 | 0  | 0 | 0   | 0    | 1    | 1 | 4.50 | ****/67  | ****   | 5.00 | 4.58 | 5.00  | **** |
| 2. Was the instructor available for individual attention  | 30 | 0  | 0 | 0   | 0    | 1    | 1 | 4.50 | ****/66  | ****   | 5.00 | 4.36 | 4.70  | **** |
| 3. Did research projects contribute to what you learned   | 30 | 0  | 0 | 0   | 0    | 1    | 1 | 4.50 | ****/64  | ****   | 5.00 | 4.25 | 4.48  | **** |
| 4. Did presentations contribute to what you learned       | 30 | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | ****/75  | ****   | 5.00 | 4.32 | 4.80  | **** |
| 5. Were criteria for grading made clear                   | 30 | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | ****/73  | ***    | 5.00 | 4.00 | 4.64  | ***  |
| Field Work  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| Did field experience contribute to what you learned       | 30 | 0  | 0 | 0   | 0    | 1    | 1 | 4.50 | ****/34  | ***    | 5.00 | 4.33 | 4.87  | ***  |
| 2. Did you clearly understand your evaluation criteria    | 30 | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | ****/35  | ***    | 5.00 | 4.15 | 4.66  | ***  |
| 3. Was the instructor available for consultation          | 30 | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | ****/30  | ****   | 5.00 | 4.09 | 4.61  | **** |
| 4. To what degree could you discuss your evaluations      | 30 | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | ****/30  | ***    | 5.00 | 4.04 | 4.49  | ***  |
| 5. Did conferences help you carry out field activities    | 30 | 0  | 0 | 0   | 0    | 1    | 1 | 4.50 | ****/27  | ***    | 5.00 | 4.13 | 4.33  | ***  |
| Self Paced  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 1. Did self-paced system contribute to what you learned   | 30 | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | ****/31  | ***    | 4.50 | 4.34 | 4.38  | **** |
| 2. Did study questions make clear the expected goal       | 30 | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | ****/18  | ***    | 4.50 | 4.13 | ***   | **** |
| 3. Were your contacts with the instructor helpful         | 30 | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | ****/24  | ****   | 5.00 | 4.34 | 5.00  | **** |

Course-Section: STAT 350 01

Title: Stat W/App In Biol Sci
Instructor: Liu,Yun

Term - Spring 2011

Enrollment: 97

Questionnaires: 32

|  |    |    |   | 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 |
| Self Paced   |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 4. Was the feedback/tutoring by proctors helpful   | 30 | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | ****/15  | ****   | 5.00 | 4.18 | 5.00  | **** |
| 5. Were there enough proctors for all the students | 30 | 0  | 0 | 0   | 0    | 1    | 1 | 4.50 | ****/13  | ****   | 5.00 | 4.07 | 5.00  | **** |

## Frequency Distribution

| arned | Cum. GPA  | 4  | Expected   | l Grades  | Reasons   |  | Туре  |   | Majors  |  |
|-------|-----------|--|--|---|---|--|---|---|---|--|
| 1     | 0.00-0.99 | 0  | Α  | 22  | Required for Majors   | 26   | Graduate  | 0   | Major   | 0  |
| 5     | 1.00-1.99 | 0  | В  | 5   |   |  |   |   |   |  |
| 3     | 2.00-2.99 | 6  | С  | 2   | General   | 0  | Under-grad  | 32  | Non-major   | 32   |
| 6     | 3.00-3.49 | 3  | D  | 0   |   |  |   |   |   |  |
| 0     | 3.50-4.00 | 7  | F  | 0   | Electives   | 0  | **** - Means th   | ere are not   | enough responses  |  |
|       |           |  | Р  | 0   |   |  | to be significan  | t   |   |  |
|       |           |  | I  | 0   | Other   | 1  |   |   |   |  |
|       |           |  | ?  | 2   |   |  |   |   |   |  |
|       | 3         | 1 0.00-0.99<br>5 1.00-1.99<br>3 2.00-2.99<br>6 3.00-3.49 | 1 0.00-0.99 0<br>5 1.00-1.99 0<br>3 2.00-2.99 6<br>6 3.00-3.49 3 | 1 0.00-0.99 0 A 5 1.00-1.99 0 B 3 2.00-2.99 6 C 6 3.00-3.49 3 D 0 3.50-4.00 7 F P | 1 0.00-0.99 0 A 22<br>5 1.00-1.99 0 B 5<br>3 2.00-2.99 6 C 2<br>6 3.00-3.49 3 D 0<br>0 3.50-4.00 7 F 0<br>P 0 | 1 0.00-0.99 0 A 22 Required for Majors 5 1.00-1.99 0 B 5 3 2.00-2.99 6 C 2 General 6 3.00-3.49 3 D 0 0 3.50-4.00 7 F 0 Electives P 0 I 0 Other | 1       0.00-0.99       0       A       22       Required for Majors       26         5       1.00-1.99       0       B       5         3       2.00-2.99       6       C       2       General       0         6       3.00-3.49       3       D       0       0       Electives       0         0       3.50-4.00       7       F       0       Electives       0         P       0       I       0       Other       1 | 1       0.00-0.99       0       A       22       Required for Majors       26       Graduate         5       1.00-1.99       0       B       5         3       2.00-2.99       6       C       2       General       0       Under-grad         6       3.00-3.49       3       D       0       ***** - Means th       D       0       ***** - Means th       To be significant       To be significant       D       0       To be significant       D | 1 0.00-0.99 0 A 22 Required for Majors 26 Graduate 0 5 1.00-1.99 0 B 5 3 2.00-2.99 6 C 2 General 0 Under-grad 32 6 3.00-3.49 3 D 0 0 3.50-4.00 7 F 0 Electives 0 **** - Means there are not to be significant I 0 Other 1 | 1       0.00-0.99       0       A       22       Required for Majors       26       Graduate       0       Major         5       1.00-1.99       0       B       5         3       2.00-2.99       6       C       2       General       0       Under-grad       32       Non-major         6       3.00-3.49       3       D       0       ***** - Means there are not enough responses         0       3.50-4.00       7       F       0       Electives       0       ***** - Means there are not enough responses to be significant         1       0       Other       1 |

Course-Section: STAT 350 04

Title: Stat W/App In Biol Sci
Instructor: Huang,Yi

Term - Spring 2011

Enrollment: 117

Questionnaires: 71

|   |    |    |    | 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  | 2   | 18   | 18   | 32 | 4.10 | 1053/1449 | 4.17   | 4.29 | 4.33 | 4.38  | 4.10 |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 2  | 6   | 15   | 23   | 25 | 3.89 | 1162/1446 | 4.30   | 4.25 | 4.29 | 4.33  | 3.89 |
| 3. Did the exam questions reflect the expected goals      | 2  | 0  | 1  | 5   | 7    | 16   | 40 | 4.29 | 763/1256  | 4.60   | 4.33 | 4.34 | 4.39  | 4.29 |
| 4. Did other evaluations reflect the expected goals       | 1  | 7  | 1  | 3   | 17   | 13   | 29 | 4.05 | 996/1402  | 4.25   | 4.11 | 4.27 | 4.37  | 4.05 |
| 5. Did assigned readings contribute to what you learned   | 1  | 6  | 0  | 3   | 9    | 12   | 40 | 4.39 | 492/1358  | 4.41   | 3.96 | 4.13 | 4.14  | 4.39 |
| 6. Did written assignments contribute to what you learned | 2  | 21 | 1  | 5   | 2    | 8    | 32 | 4.35 | 572/1327  | 4.39   | 4.28 | 4.16 | 4.23  | 4.35 |
| 7. Was the grading system clearly explained               | 1  | 0  | 2  | 2   | 13   | 13   | 40 | 4.24 | 778/1435  | 4.45   | 4.19 | 4.20 | 4.25  | 4.24 |
| 8. How many times was class cancelled                     | 1  | 0  | 0  | 0   | 1    | 4    | 65 | 4.91 | 473/1446  | 4.94   | 4.74 | 4.67 | 4.68  | 4.91 |
| 9. How would you grade the overall teaching effectiveness | 12 | 3  | 1  | 3   | 21   | 27   | 4  | 3.54 | 1231/1437 | 3.96   | 4.02 | 4.12 | 4.14  | 3.54 |
| Lecture   |    |    |    |     |      |      |    |      |           |        |      |      |       |      |
| 1. Were the instructor's lectures well prepared           | 5  | 0  | 5  | 2   | 14   | 15   | 30 | 3.95 | 1206/1386 | 4.36   | 4.48 | 4.48 | 4.53  | 3.95 |
| 2. Did the instructor seem interested in the subject      | 6  | 0  | 2  | 0   | 7    | 12   | 44 | 4.48 | 1180/1390 | 4.66   | 4.76 | 4.74 | 4.76  | 4.48 |
| 3. Was lecture material presented and explained clearly   | 4  | 0  | 6  | 11  | 15   | 13   | 22 | 3.51 | 1261/1379 | 4.14   | 4.21 | 4.34 | 4.38  | 3.51 |
| 4. Did the lectures contribute to what you learned        | 5  | 3  | 11 | 10  | 11   | 12   | 19 | 3.29 | 1310/1379 | 3.97   | 4.33 | 4.36 | 4.40  | 3.29 |
| 5. Did audiovisual techniques enhance your understanding  | 3  | 14 | 10 | 5   | 10   | 11   | 18 | 3.41 | 1052/1236 | 3.96   | 3.93 | 4.08 | 4.18  | 3.41 |
| Discussion  |    |    |    |     |      |      |    |      |           |        |      |      |       |      |
| 1. Did class discussions contribute to what you learned   | 12 | 0  | 6  | 0   | 10   | 13   | 30 | 4.03 | 718/1121  | 3.65   | 3.68 | 4.18 | 4.31  | 4.03 |
| 2. Were all students actively encouraged to participate   | 13 | 0  | 8  | 7   | 11   | 13   | 19 | 3.48 | 1009/1122 | 3.48   | 3.93 | 4.36 | 4.46  | 3.48 |
| 3. Did the instructor encourage fair and open discussion  | 14 | 0  | 3  | 4   | 12   | 10   | 28 | 3.98 | 868/1121  | 3.97   | 4.14 | 4.40 | 4.53  | 3.98 |
| 4. Were special techniques successful                     | 15 | 39 | 9  | 2   | 1    | 2    | 3  | 2.29 | ****/790  | 3.75   | 4.17 | 4.06 | 4.11  | ***  |

Course-Section: STAT 350 04

Title: Stat W/App In Biol Sci
Instructor: Huang,Yi

Term - Spring 2011

Enrollment: 117

Questionnaires: 71

|   |    |    |   | 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  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 1. Did the lab increase understanding of the material     | 67 | 1  | 0 | 1   | 1    | 0    | 1 | 3.33 | ****/200 | ****   | **** | 4.28 | 4.44  | **** |
| 2. Were you provided with adequate background information | 68 | 0  | 0 | 0   | 1    | 0    | 2 | 4.33 | ****/205 | ****   | **** | 4.29 | 4.44  | **** |
| 3. Were necessary materials available for lab activities  | 69 | 0  | 0 | 0   | 1    | 0    | 1 | 4.00 | ****/201 | ****   | **** | 4.51 | 4.59  | **** |
| 4. Did the lab instructor provide assistance              | 69 | 0  | 0 | 0   | 1    | 0    | 1 | 4.00 | ****/202 | ***    | **** | 4.42 | 4.48  | **** |
| 5. Were requirements for lab reports clearly specified    | 69 | 0  | 0 | 0   | 1    | 1    | 0 | 3.50 | ****/196 | ****   | **** | 4.25 | 4.37  | **** |
| Seminar   |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 1. Were assigned topics relevant to the announced theme   | 69 | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | ****/67  | ****   | 5.00 | 4.58 | 5.00  | **** |
| 2. Was the instructor available for individual attention  | 70 | 0  | 1 | 0   | 0    | 0    | 0 | 1.00 | ****/66  | ****   | 5.00 | 4.36 | 4.70  | **** |
| 4. Did presentations contribute to what you learned       | 70 | 0  | 0 | 0   | 0    | 1    | 0 | 4.00 | ****/75  | ****   | 5.00 | 4.32 | 4.80  | **** |
| 5. Were criteria for grading made clear                   | 70 | 0  | 1 | 0   | 0    | 0    | 0 | 1.00 | ****/73  | ****   | 5.00 | 4.00 | 4.64  | **** |
| Field Work  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| Did field experience contribute to what you learned       | 69 | 0  | 1 | 0   | 1    | 0    | 0 | 2.00 | ****/34  | ***    | 5.00 | 4.33 | 4.87  | **** |
| 2. Did you clearly understand your evaluation criteria    | 70 | 0  | 1 | 0   | 0    | 0    | 0 | 1.00 | ****/35  | ***    | 5.00 | 4.15 | 4.66  | **** |
| 3. Was the instructor available for consultation          | 70 | 0  | 1 | 0   | 0    | 0    | 0 | 1.00 | ****/30  | ***    | 5.00 | 4.09 | 4.61  | **** |
| 5. Did conferences help you carry out field activities    | 70 | 0  | 1 | 0   | 0    | 0    | 0 | 1.00 | ****/27  | ***    | 5.00 | 4.13 | 4.33  | **** |
| Self Paced  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| Did self-paced system contribute to what you learned      | 68 | 0  | 0 | 0   | 0    | 0    | 3 | 5.00 | ****/31  | ****   | 4.50 | 4.34 | 4.38  | **** |
| 2. Did study questions make clear the expected goal       | 69 | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | ****/18  | ****   | 4.50 | 4.13 | ****  | **** |
| 3. Were your contacts with the instructor helpful         | 69 | 0  | 1 | 0   | 0    | 1    | 0 | 2.50 | ****/24  | ****   | 5.00 | 4.34 | 5.00  | **** |
| 4. Was the feedback/tutoring by proctors helpful          | 69 | 0  | 0 | 0   | 0    | 1    | 1 | 4.50 | ****/15  | ****   | 5.00 | 4.18 | 5.00  | **** |
| 5. Were there enough proctors for all the students        | 69 | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | ****/13  | ****   | 5.00 | 4.07 | 5.00  | **** |

| Course-Section: | STAT 350 04            |    |    | Term | ı - Spr | ing 2  | 011  |   |      |           |        |     | Enrol   | lment:  | 117  |
|-----------------|------------------------|----|----|------|---------|--------|------|---|------|-----------|--------|-----|---------|---------|------|
| Title:          | Stat W/App In Biol Sci |    |    |      |         |        |      |   |      |           |        | Qı  | uestion | naires: | 71   |
| Instructor:     | Huang,Yi               |    |    |      |         |        |      |   |      |           |        |     |         |         |      |
|                 |                        | -  |    |      | Fred    | quenc  | ries |   | Ind  | structor  | Course | Ora | UMBC    | Laval   | Soct |
|                 |                        |    |    |      | 1100    | 900110 | 5105 |   | 1115 | oti detei | 00000  | Org | OIVIDC  | Level   | Sect |
|                 | Questions              | NR | NA | 1    |         | 3      | 4    | 5 | Mean |           |        | Ü   | Mean    |         |      |

# Frequency Distribution

| Credits E | Earned | Cum. GP   | Α  | Expected | d Grades | Reasons             |    | Type             |             | Majors           |    |
|-----------|--------|-----------|----|----------|----------|---------------------|----|------------------|-------------|------------------|----|
| 00-27     | 3      | 0.00-0.99 | 1  | Α        | 45       | Required for Majors | 54 | Graduate         | 0           | Major            | 0  |
| 28-55     | 10     | 1.00-1.99 | 0  | В        | 10       |                     |    |                  |             |                  |    |
| 56-83     | 11     | 2.00-2.99 | 6  | С        | 2        | General             | 2  | Under-grad       | 71          | Non-major        | 71 |
| 84-150    | 9      | 3.00-3.49 | 14 | D        | 0        |                     |    |                  |             |                  |    |
| Grad.     | 0      | 3.50-4.00 | 12 | F        | 0        | Electives           | 0  | **** - Means the | ere are not | enough responses |    |
|           |        |           |    | Р        | 0        |                     |    | to be significan | t           |                  |    |
|           |        |           |    | I        | 0        | Other               | 0  |                  |             |                  |    |
|           |        |           |    | ?        | 13       |                     |    |                  |             |                  |    |

Course-Section: STAT 351 01

Title: Applied Stat/Bus & Econ
Instructor: Dasgupta,Nandit

Term - Spring 2011

Enrollment: 96

|   | •  |    |   | 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  | 0 | 1   | 1    | 10   | 40 | 4.71 | 309/1449  | 4.19   | 4.29 | 4.33 | 4.38  | 4.71 |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 0 | 0   | 2    | 6    | 44 | 4.81 | 186/1446  | 4.40   | 4.25 | 4.29 | 4.33  | 4.81 |
| 3. Did the exam questions reflect the expected goals      | 0  | 0  | 0 | 0   | 1    | 6    | 45 | 4.85 | 182/1256  | 4.55   | 4.33 | 4.34 | 4.39  | 4.85 |
| 4. Did other evaluations reflect the expected goals       | 0  | 13 | 1 | 1   | 3    | 13   | 21 | 4.33 | 734/1402  | 3.80   | 4.11 | 4.27 | 4.37  | 4.33 |
| 5. Did assigned readings contribute to what you learned   | 2  | 10 | 0 | 1   | 6    | 10   | 23 | 4.38 | 511/1358  | 4.14   | 3.96 | 4.13 | 4.14  | 4.38 |
| 6. Did written assignments contribute to what you learned | 0  | 26 | 0 | 0   | 7    | 4    | 15 | 4.31 | 621/1327  | 3.85   | 4.28 | 4.16 | 4.23  | 4.31 |
| 7. Was the grading system clearly explained               | 0  | 0  | 0 | 1   | 0    | 8    | 43 | 4.79 | 184/1435  | 4.44   | 4.19 | 4.20 | 4.25  | 4.79 |
| 8. How many times was class cancelled                     | 0  | 0  | 0 | 0   | 3    | 43   | 6  | 4.06 | 1335/1446 | 4.48   | 4.74 | 4.67 | 4.68  | 4.06 |
| 9. How would you grade the overall teaching effectiveness | 17 | 2  | 0 | 1   | 2    | 9    | 21 | 4.52 | 355/1437  | 4.06   | 4.02 | 4.12 | 4.14  | 4.52 |
| Lecture   |    |    |   |     |      |      |    |      |           |        |      |      |       |      |
| 1. Were the instructor's lectures well prepared           | 3  | 0  | 0 | 0   | 0    | 5    | 44 | 4.90 | 220/1386  | 4.39   | 4.48 | 4.48 | 4.53  | 4.90 |
| 2. Did the instructor seem interested in the subject      | 3  | 0  | 0 | 0   | 0    | 2    | 47 | 4.96 | 266/1390  | 4.78   | 4.76 | 4.74 | 4.76  | 4.96 |
| 3. Was lecture material presented and explained clearly   | 3  | 0  | 0 | 0   | 1    | 8    | 40 | 4.80 | 261/1379  | 4.20   | 4.21 | 4.34 | 4.38  | 4.80 |
| 4. Did the lectures contribute to what you learned        | 3  | 0  | 0 | 0   | 3    | 8    | 38 | 4.71 | 445/1379  | 4.11   | 4.33 | 4.36 | 4.40  | 4.71 |
| 5. Did audiovisual techniques enhance your understanding  | 5  | 26 | 1 | 0   | 4    | 4    | 12 | 4.24 | 568/1236  | 4.12   | 3.93 | 4.08 | 4.18  | 4.24 |
| Discussion  |    |    |   |     |      |      |    |      |           |        |      |      |       |      |
| 1. Did class discussions contribute to what you learned   | 9  | 0  | 2 | 3   | 7    | 7    | 24 | 4.12 | 693/1121  | 3.36   | 3.68 | 4.18 | 4.31  | 4.12 |
| 2. Were all students actively encouraged to participate   | 9  | 0  | 2 | 1   | 9    | 9    | 22 | 4.12 | 827/1122  | 3.36   | 3.93 | 4.36 | 4.46  | 4.12 |
| 3. Did the instructor encourage fair and open discussion  | 10 | 0  | 0 | 0   | 4    | 14   | 24 | 4.48 | 621/1121  | 3.74   | 4.14 | 4.40 | 4.53  | 4.48 |
| 4. Were special techniques successful                     | 12 | 26 | 0 | 0   | 2    | 6    | 6  | 4.29 | 311/790   | 4.39   | 4.17 | 4.06 | 4.11  | 4.29 |

Course-Section: STAT 351 01

Term - Spring 2011

Enrollment: 96

Title: Applied Stat/Bus & Econ

Instructor: Dasgupta, Nandit

Questionnaires: 52

|   |    |    |   | 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 |
| Laboratory  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 1. Did the lab increase understanding of the material     | 47 | 3  | 0 | 0   | 1    | 0    | 1 | 4.00 | ****/200 | ***    | **** | 4.28 | 4.44  | **** |
| 2. Were you provided with adequate background information | 49 | 0  | 0 | 0   | 1    | 1    | 1 | 4.00 | ****/205 | ****   | **** | 4.29 | 4.44  | **** |
| 3. Were necessary materials available for lab activities  | 49 | 2  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/201 | ****   | **** | 4.51 | 4.59  | **** |
| 4. Did the lab instructor provide assistance              | 48 | 2  | 0 | 0   | 1    | 0    | 1 | 4.00 | ****/202 | ***    | **** | 4.42 | 4.48  | **** |
| 5. Were requirements for lab reports clearly specified    | 48 | 2  | 0 | 0   | 0    | 0    | 2 | 5.00 | ****/196 | ****   | **** | 4.25 | 4.37  | **** |
| Seminar   |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 4. Did presentations contribute to what you learned       | 50 | 1  | 0 | 0   | 1    | 0    | 0 | 3.00 | ****/75  | ***    | 5.00 | 4.32 | 4.80  | **** |
| 5. Were criteria for grading made clear                   | 50 | 1  | 0 | 0   | 1    | 0    | 0 | 3.00 | ****/73  | ***    | 5.00 | 4.00 | 4.64  | **** |
| Field Work  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 1. Did field experience contribute to what you learned    | 51 | 0  | 1 | 0   | 0    | 0    | 0 | 1.00 | ****/34  | ***    | 5.00 | 4.33 | 4.87  | **** |
| 2. Did you clearly understand your evaluation criteria    | 51 | 0  | 0 | 0   | 1    | 0    | 0 | 3.00 | ****/35  | ***    | 5.00 | 4.15 | 4.66  | ***  |
| Self Paced  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 1. Did self-paced system contribute to what you learned   | 49 | 0  | 0 | 0   | 1    | 1    | 1 | 4.00 | ****/31  | ****   | 4.50 | 4.34 | 4.38  | **** |
| 2. Did study questions make clear the expected goal       | 49 | 1  | 0 | 0   | 0    | 0    | 2 | 5.00 | ****/18  | ****   | 4.50 | 4.13 | ****  | **** |
| 3. Were your contacts with the instructor helpful         | 49 | 2  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/24  | ****   | 5.00 | 4.34 | 5.00  | **** |
| 4. Was the feedback/tutoring by proctors helpful          | 49 | 2  | 0 | 0   | 1    | 0    | 0 | 3.00 | ****/15  | ****   | 5.00 | 4.18 | 5.00  | **** |

### Frequency Distribution

| Credits E | arned | Cum. GPA  | ١ | Expected | Grades | Reasons             |    | Type       |    | Majors    |    |
|-----------|-------|-----------|---|----------|--------|---------------------|----|------------|----|-----------|----|
| 00-27     | 3     | 0.00-0.99 | 1 | Α        | 22     | Required for Majors | 36 | Graduate   | 0  | Major     | 0  |
| 28-55     | 0     | 1.00-1.99 | 0 | В        | 11     |                     |    |            |    |           |    |
| 56-83     | 9     | 2.00-2.99 | 3 | С        | 5      | General             | 0  | Under-grad | 52 | Non-major | 52 |

Run Date: 7/14/2011 12:15:01 PM

| Course-S | Section | : STAT 351 0   | 1       |        |    |    | Term   | ı - Spr | ring 2 | 011  |   |      |               |           |         | Enrol     | <mark>Ilment:</mark> | 96   |
|----------|---------|----------------|---------|--------|----|----|--------|---------|--------|------|---|------|---------------|-----------|---------|-----------|----------------------|------|
|          | Title   | : Applied Stat | t/Bus 8 | & Econ |    |    |        |         |        |      |   |      |               |           | Q       | uestion   | naires:              | 52   |
| Ins      | tructor | : Dasgupta,N   | andit   |        |    |    |        |         |        |      |   |      |               |           |         |           |                      |      |
|          |         |                |         |        |    |    |        | Fre     | quen   | cies |   | Ins  | tructor       | Course    | Org     | UMBC      | Level                | Sect |
|          |         | Questions      |         |        | NR | NA | 1      | 2       | 3      | 4    | 5 | Mean | Rank          | Mean      | Mean    | Mean      | Mean                 | Mean |
|          |         | Self Paced     |         |        |    |    |        |         |        |      |   |      |               |           |         |           |                      |      |
| 84-150   | 8       | 3.00-3.49      | 9       | D      | 0  |    |        |         |        |      |   |      |               |           |         |           |                      |      |
| Grad.    | 0       | 3.50-4.00      | 9       | F      | 0  |    | Electi | ves     |        |      | 1 | ,    | **** - Means  | there are | not end | ough resp | oonses               |      |
|          |         |                |         | Р      | 0  |    |        |         |        |      |   | 1    | o be signific | ant       |         |           |                      |      |
|          |         |                |         | I      | 0  |    | Other  | •       |        |      | 0 |      |               |           |         |           |                      |      |
|          |         |                |         | ?      | 14 |    |        |         |        |      |   |      |               |           |         |           |                      |      |

Course-Section: STAT 351 04

Title: Applied Stat/Bus & Econ

Instructor: Stanwyck,Elizab

Term - Spring 2011

Enrollment: 94

Questionnaires: 12

|   |    |    |   | 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 |
| General   |    |    |   |     |      |      |    |      |           |        |      |      |       |      |
| 1. Did you gain new insights, skills from this course     | 0  | 0  | 1 | 2   | 2    | 2    | 5  | 3.67 | 1304/1449 | 4.19   | 4.29 | 4.33 | 4.38  | 3.67 |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 1 | 1   | 1    | 3    | 6  | 4.00 | 1061/1446 | 4.40   | 4.25 | 4.29 | 4.33  | 4.00 |
| 3. Did the exam questions reflect the expected goals      | 0  | 0  | 0 | 0   | 2    | 5    | 5  | 4.25 | 784/1256  | 4.55   | 4.33 | 4.34 | 4.39  | 4.25 |
| 4. Did other evaluations reflect the expected goals       | 1  | 0  | 1 | 2   | 2    | 5    | 1  | 3.27 | 1328/1402 | 3.80   | 4.11 | 4.27 | 4.37  | 3.27 |
| 5. Did assigned readings contribute to what you learned   | 0  | 1  | 1 | 0   | 2    | 4    | 4  | 3.91 | 939/1358  | 4.14   | 3.96 | 4.13 | 4.14  | 3.91 |
| 6. Did written assignments contribute to what you learned | 0  | 2  | 1 | 0   | 4    | 4    | 1  | 3.40 | 1170/1327 | 3.85   | 4.28 | 4.16 | 4.23  | 3.40 |
| 7. Was the grading system clearly explained               | 0  | 0  | 0 | 1   | 0    | 8    | 3  | 4.08 | 928/1435  | 4.44   | 4.19 | 4.20 | 4.25  | 4.08 |
| 8. How many times was class cancelled                     | 0  | 1  | 0 | 0   | 0    | 1    | 10 | 4.91 | 526/1446  | 4.48   | 4.74 | 4.67 | 4.68  | 4.91 |
| 9. How would you grade the overall teaching effectiveness | 2  | 0  | 0 | 1   | 3    | 5    | 1  | 3.60 | 1201/1437 | 4.06   | 4.02 | 4.12 | 4.14  | 3.60 |
| Lecture   |    |    |   |     |      |      |    |      |           |        |      |      |       |      |
| 1. Were the instructor's lectures well prepared           | 3  | 0  | 0 | 2   | 0    | 4    | 3  | 3.89 | 1239/1386 | 4.39   | 4.48 | 4.48 | 4.53  | 3.89 |
| 2. Did the instructor seem interested in the subject      | 2  | 0  | 0 | 0   | 1    | 2    | 7  | 4.60 | 1070/1390 | 4.78   | 4.76 | 4.74 | 4.76  | 4.60 |
| 3. Was lecture material presented and explained clearly   | 2  | 0  | 0 | 3   | 1    | 3    | 3  | 3.60 | 1238/1379 | 4.20   | 4.21 | 4.34 | 4.38  | 3.60 |
| 4. Did the lectures contribute to what you learned        | 2  | 0  | 1 | 2   | 1    | 3    | 3  | 3.50 | 1254/1379 | 4.11   | 4.33 | 4.36 | 4.40  | 3.50 |
| 5. Did audiovisual techniques enhance your understanding  | 3  | 4  | 1 | 0   | 0    | 1    | 3  | 4.00 | 709/1236  | 4.12   | 3.93 | 4.08 | 4.18  | 4.00 |
| Discussion  |    |    |   |     |      |      |    |      |           |        |      |      |       |      |
| 1. Did class discussions contribute to what you learned   | 2  | 0  | 4 | 2   | 0    | 2    | 2  | 2.60 | 1097/1121 | 3.36   | 3.68 | 4.18 | 4.31  | 2.60 |
| 2. Were all students actively encouraged to participate   | 2  | 0  | 3 | 3   | 0    | 3    | 1  | 2.60 | 1107/1122 | 3.36   | 3.93 | 4.36 | 4.46  | 2.60 |
| 3. Did the instructor encourage fair and open discussion  | 2  | 0  | 2 | 1   | 3    | 3    | 1  | 3.00 | 1078/1121 | 3.74   | 4.14 | 4.40 | 4.53  | 3.00 |
| 4. Were special techniques successful                     | 3  | 5  | 0 | 0   | 0    | 2    | 2  | 4.50 | 200/790   | 4.39   | 4.17 | 4.06 | 4.11  | 4.50 |

Course-Section: STAT 351 04

Title: Applied Stat/Bus & Econ
Instructor: Stanwyck, Elizab

Term - Spring 2011

Enrollment: 94

Questionnaires: 12

| <u> </u>  |    |    |   | 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  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 1. Did the lab increase understanding of the material     | 11 | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/200 | ***    | **** | 4.28 | 4.44  | **** |
| 2. Were you provided with adequate background information | 11 | 0  | 0 | 0   | 0    | 1    | 0 | 4.00 | ****/205 | ****   | **** | 4.29 | 4.44  | **** |
| 3. Were necessary materials available for lab activities  | 11 | 0  | 0 | 1   | 0    | 0    | 0 | 2.00 | ****/201 | ****   | **** | 4.51 | 4.59  | **** |
| 4. Did the lab instructor provide assistance              | 11 | 0  | 0 | 0   | 0    | 1    | 0 | 4.00 | ****/202 | ****   | **** | 4.42 | 4.48  | **** |
| 5. Were requirements for lab reports clearly specified    | 11 | 0  | 0 | 0   | 0    | 1    | 0 | 4.00 | ****/196 | ****   | **** | 4.25 | 4.37  | **** |
| Seminar   |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 1. Were assigned topics relevant to the announced theme   | 11 | 0  | 0 | 0   | 0    | 1    | 0 | 4.00 | ****/67  | ****   | 5.00 | 4.58 | 5.00  | **** |
| 2. Was the instructor available for individual attention  | 11 | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/66  | ****   | 5.00 | 4.36 | 4.70  | **** |
| 3. Did research projects contribute to what you learned   | 11 | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/64  | ****   | 5.00 | 4.25 | 4.48  | **** |
| 4. Did presentations contribute to what you learned       | 11 | 0  | 0 | 0   | 0    | 1    | 0 | 4.00 | ****/75  | ****   | 5.00 | 4.32 | 4.80  | **** |
| 5. Were criteria for grading made clear                   | 11 | 0  | 0 | 0   | 0    | 1    | 0 | 4.00 | ****/73  | ****   | 5.00 | 4.00 | 4.64  | **** |
| Field Work  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 1. Did field experience contribute to what you learned    | 11 | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/34  | ****   | 5.00 | 4.33 | 4.87  | **** |
| 2. Did you clearly understand your evaluation criteria    | 11 | 0  | 0 | 0   | 0    | 1    | 0 | 4.00 | ****/35  | ****   | 5.00 | 4.15 | 4.66  | **** |
| 3. Was the instructor available for consultation          | 11 | 0  | 0 | 0   | 0    | 1    | 0 | 4.00 | ****/30  | ****   | 5.00 | 4.09 | 4.61  | **** |
| 4. To what degree could you discuss your evaluations      | 11 | 0  | 0 | 0   | 0    | 1    | 0 | 4.00 | ****/30  | ****   | 5.00 | 4.04 | 4.49  | **** |
| Self Paced  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 1. Did self-paced system contribute to what you learned   | 10 | 0  | 0 | 0   | 0    | 2    | 0 | 4.00 | ****/31  | ****   | 4.50 | 4.34 | 4.38  | **** |
| 2. Did study questions make clear the expected goal       | 10 | 0  | 0 | 0   | 0    | 1    | 1 | 4.50 | ****/18  | ****   | 4.50 | 4.13 | ****  | **** |
| 3. Were your contacts with the instructor helpful         | 10 | 0  | 0 | 0   | 0    | 1    | 1 | 4.50 | ****/24  | ****   | 5.00 | 4.34 | 5.00  | **** |
| 4. Was the feedback/tutoring by proctors helpful          | 10 | 0  | 0 | 0   | 1    | 1    | 0 | 3.50 | ****/15  | ****   | 5.00 | 4.18 | 5.00  | **** |

| Course-Section: | STAT 351 04             | Term - Spring 2011 | nrollment:  | 94 |
|-----------------|-------------------------|--------------------|-------------|----|
| Title:          | Applied Stat/Bus & Econ | Ques               | tionnaires: | 12 |
| Instructor:     | Stanwyck,Elizab         |                    |             |    |

|  |    |    |   | 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 |
| Self Paced   |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 5. Were there enough proctors for all the students | 10 | 0  | 0 | 0   | 0    | 1    | 1 | 4.50 | ****/13  | ****   | 5.00 | 4.07 | 5.00  | ***  |

## Frequency Distribution

|            |       |           |   |          |        | . 3                 |   |                  |             |                  |    |
|------------|-------|-----------|---|----------|--------|---------------------|---|------------------|-------------|------------------|----|
| Credits Ea | arned | Cum. GPA  | 4 | Expected | Grades | Reasons             |   | Type             |             | Majors           |    |
| 00-27      | 0     | 0.00-0.99 | 0 | Α        | 6      | Required for Majors | 8 | Graduate         | 0           | Major            | 0  |
| 28-55      | 1     | 1.00-1.99 | 0 | В        | 1      |                     |   |                  |             |                  |    |
| 56-83      | 1     | 2.00-2.99 | 1 | С        | 2      | General             | 0 | Under-grad       | 12          | Non-major        | 12 |
| 84-150     | 1     | 3.00-3.49 | 2 | D        | 0      |                     |   |                  |             |                  |    |
| Grad.      | 0     | 3.50-4.00 | 4 | F        | 0      | Electives           | 0 | **** - Means the | ere are not | enough responses |    |
|            |       |           |   | Р        | 0      |                     |   | to be significan | t           |                  |    |
|            |       |           |   | I        | 0      | Other               | 0 |                  |             |                  |    |
|            |       |           |   | ?        | 3      |                     |   |                  |             |                  |    |

Course-Section: STAT 355 01

Title: Intro App Prob & Stat

Instructor: Gloor,Philip J.

Term - Spring 2011

Enrollment: 69

Questionnaires: 43

|   |    |    |   | 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  | 2 | 4   | 13   | 18   | 6  | 3.51 | 1354/1449 | 3.90   | 4.29 | 4.33 | 4.38  | 3.51 |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 0 | 7   | 10   | 20   | 6  | 3.58 | 1303/1446 | 4.04   | 4.25 | 4.29 | 4.33  | 3.58 |
| 3. Did the exam questions reflect the expected goals      | 1  | 0  | 3 | 5   | 12   | 14   | 8  | 3.45 | 1176/1256 | 3.96   | 4.33 | 4.34 | 4.39  | 3.45 |
| 4. Did other evaluations reflect the expected goals       | 0  | 3  | 0 | 3   | 10   | 15   | 12 | 3.90 | 1094/1402 | 4.21   | 4.11 | 4.27 | 4.37  | 3.90 |
| 5. Did assigned readings contribute to what you learned   | 0  | 9  | 5 | 4   | 8    | 9    | 8  | 3.32 | 1236/1358 | 3.67   | 3.96 | 4.13 | 4.14  | 3.32 |
| 6. Did written assignments contribute to what you learned | 0  | 10 | 3 | 3   | 7    | 11   | 9  | 3.61 | 1089/1327 | 3.88   | 4.28 | 4.16 | 4.23  | 3.61 |
| 7. Was the grading system clearly explained               | 1  | 0  | 1 | 4   | 5    | 18   | 14 | 3.95 | 1015/1435 | 4.35   | 4.19 | 4.20 | 4.25  | 3.95 |
| 8. How many times was class cancelled                     | 0  | 0  | 0 | 0   | 0    | 1    | 42 | 4.98 | 158/1446  | 4.97   | 4.74 | 4.67 | 4.68  | 4.98 |
| 9. How would you grade the overall teaching effectiveness | 8  | 1  | 1 | 3   | 12   | 18   | 0  | 3.38 | 1294/1437 | 3.73   | 4.02 | 4.12 | 4.14  | 3.38 |
| Lecture   |    |    |   |     |      |      |    |      |           |        |      |      |       |      |
| Were the instructor's lectures well prepared              | 1  | 0  | 0 | 1   | 1    | 12   | 28 | 4.60 | 716/1386  | 4.74   | 4.48 | 4.48 | 4.53  | 4.60 |
| 2. Did the instructor seem interested in the subject      | 1  | 0  | 0 | 0   | 2    | 6    | 34 | 4.76 | 855/1390  | 4.83   | 4.76 | 4.74 | 4.76  | 4.76 |
| 3. Was lecture material presented and explained clearly   | 2  | 0  | 1 | 6   | 13   | 7    | 14 | 3.66 | 1223/1379 | 4.10   | 4.21 | 4.34 | 4.38  | 3.66 |
| 4. Did the lectures contribute to what you learned        | 1  | 1  | 1 | 7   | 13   | 9    | 11 | 3.54 | 1247/1379 | 3.99   | 4.33 | 4.36 | 4.40  | 3.54 |
| 5. Did audiovisual techniques enhance your understanding  | 3  | 14 | 5 | 8   | 6    | 2    | 5  | 2.77 | 1185/1236 | 3.35   | 3.93 | 4.08 | 4.18  | 2.77 |
| Discussion  |    |    |   |     |      |      |    |      |           |        |      |      |       |      |
| Did class discussions contribute to what you learned      | 24 | 0  | 6 | 2   | 1    | 6    | 4  | 3.00 | 1052/1121 | 2.95   | 3.68 | 4.18 | 4.31  | 3.00 |
| 2. Were all students actively encouraged to participate   | 23 | 0  | 3 | 3   | 6    | 4    | 4  | 3.15 | 1065/1122 | 3.22   | 3.93 | 4.36 | 4.46  | 3.15 |
| 3. Did the instructor encourage fair and open discussion  | 23 | 0  | 6 | 3   | 4    | 5    | 2  | 2.70 | 1100/1121 | 3.28   | 4.14 | 4.40 | 4.53  | 2.70 |
| 4. Were special techniques successful                     | 23 | 13 | 1 | 0   | 1    | 3    | 2  | 3.71 | ****/790  | 3.47   | 4.17 | 4.06 | 4.11  | ***  |

Course-Section: STAT 355 01

Title: Intro App Prob & Stat

Instructor: Gloor,Philip J.

Term - Spring 2011

Enrollment: 69

Questionnaires: 43

|   |    |    |   | 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  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 1. Did the lab increase understanding of the material     | 41 | 1  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/200 | ****   | **** | 4.28 | 4.44  | **** |
| 2. Were you provided with adequate background information | 41 | 0  | 1 | 0   | 0    | 0    | 1 | 3.00 | ****/205 | ***    | **** | 4.29 | 4.44  | **** |
| 3. Were necessary materials available for lab activities  | 41 | 1  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/201 | ***    | **** | 4.51 | 4.59  | **** |
| 4. Did the lab instructor provide assistance              | 41 | 1  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/202 | ***    | **** | 4.42 | 4.48  | **** |
| 5. Were requirements for lab reports clearly specified    | 41 | 1  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/196 | ***    | **** | 4.25 | 4.37  | **** |

#### Frequency Distribution

| Credits Ea | arned | Cum. GPA  | 4 | Expected | l Grades | Reasons             |    | Туре             |             | Majors           |    |
|------------|-------|-----------|---|----------|----------|---------------------|----|------------------|-------------|------------------|----|
| 00-27      | 2     | 0.00-0.99 | 2 | Α        | 4        | Required for Majors | 40 | Graduate         | 0           | Major            | 0  |
| 28-55      | 5     | 1.00-1.99 | 0 | В        | 17       |                     |    |                  |             |                  |    |
| 56-83      | 9     | 2.00-2.99 | 7 | С        | 11       | General             | 0  | Under-grad       | 43          | Non-major        | 43 |
| 84-150     | 2     | 3.00-3.49 | 5 | D        | 0        |                     |    |                  |             |                  |    |
| Grad.      | 0     | 3.50-4.00 | 9 | F        | 2        | Electives           | 0  | **** - Means the | ere are not | enough responses |    |
|            |       |           |   | Р        | 0        |                     |    | to be significan | t           |                  |    |
|            |       |           |   | I        | 0        | Other               | 0  |                  |             |                  |    |
|            |       |           |   | ?        | 4        |                     |    |                  |             |                  |    |

Course-Section: STAT 355 04

Title: Intro App Prob & Stat

Instructor: Glezen,John

Term - Spring 2011

Enrollment: 91

|   |    |    |    |   |    |    |    | 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  | 0  | 0 | 10 | 16 | 24 | 4.28     | 877/1449  | 3.90 | 4.29 | 4.33  | 4.38 | 4.28 |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 0  | 0 | 4  | 17 | 29 | 4.50     | 571/1446  | 4.04 | 4.25 | 4.29  | 4.33 | 4.50 |
| 3. Did the exam questions reflect the expected goals      | 0  | 0  | 1  | 0 | 4  | 15 | 30 | 4.46     | 569/1256  | 3.96 | 4.33 | 4.34  | 4.39 | 4.46 |
| 4. Did other evaluations reflect the expected goals       | 1  | 2  | 0  | 0 | 3  | 17 | 27 | 4.51     | 516/1402  | 4.21 | 4.11 | 4.27  | 4.37 | 4.51 |
| 5. Did assigned readings contribute to what you learned   | 2  | 9  | 1  | 4 | 6  | 10 | 18 | 4.03     | 816/1358  | 3.67 | 3.96 | 4.13  | 4.14 | 4.03 |
| 6. Did written assignments contribute to what you learned | 3  | 7  | 2  | 1 | 7  | 9  | 21 | 4.15     | 748/1327  | 3.88 | 4.28 | 4.16  | 4.23 | 4.15 |
| 7. Was the grading system clearly explained               | 3  | 0  | 0  | 0 | 2  | 8  | 37 | 4.74     | 226/1435  | 4.35 | 4.19 | 4.20  | 4.25 | 4.74 |
| 8. How many times was class cancelled                     | 2  | 0  | 0  | 0 | 0  | 2  | 46 | 4.96     | 263/1446  | 4.97 | 4.74 | 4.67  | 4.68 | 4.96 |
| 9. How would you grade the overall teaching effectiveness | 11 | 2  | 1  | 0 | 5  | 20 | 11 | 4.08     | 816/1437  | 3.73 | 4.02 | 4.12  | 4.14 | 4.08 |
| Lecture   |    |    |    |   |    |    |    |          |           |      |      |       |      |      |
| 1. Were the instructor's lectures well prepared           | 1  | 0  | 0  | 0 | 1  | 4  | 44 | 4.88     | 254/1386  | 4.74 | 4.48 | 4.48  | 4.53 | 4.88 |
| 2. Did the instructor seem interested in the subject      | 1  | 0  | 0  | 0 | 0  | 5  | 44 | 4.90     | 556/1390  | 4.83 | 4.76 | 4.74  | 4.76 | 4.90 |
| 3. Was lecture material presented and explained clearly   | 1  | 0  | 0  | 1 | 2  | 15 | 31 | 4.55     | 576/1379  | 4.10 | 4.21 | 4.34  | 4.38 | 4.55 |
| 4. Did the lectures contribute to what you learned        | 1  | 0  | 1  | 2 | 4  | 9  | 33 | 4.45     | 746/1379  | 3.99 | 4.33 | 4.36  | 4.40 | 4.45 |
| 5. Did audiovisual techniques enhance your understanding  | 1  | 16 | 2  | 3 | 4  | 10 | 14 | 3.94     | 788/1236  | 3.35 | 3.93 | 4.08  | 4.18 | 3.94 |
| Discussion  |    |    |    |   |    |    |    |          |           |      |      |       |      |      |
| 1. Did class discussions contribute to what you learned   | 9  | 0  | 10 | 8 | 9  | 4  | 10 | 2.90     | 1065/1121 | 2.95 | 3.68 | 4.18  | 4.31 | 2.90 |
| 2. Were all students actively encouraged to participate   | 9  | 0  | 7  | 6 | 9  | 6  | 13 | 3.29     | 1037/1122 | 3.22 | 3.93 | 4.36  | 4.46 | 3.29 |
| 3. Did the instructor encourage fair and open discussion  | 9  | 0  | 4  | 2 | 9  | 7  | 19 | 3.85     | 934/1121  | 3.28 | 4.14 | 4.40  | 4.53 | 3.85 |
| 4. Were special techniques successful                     | 9  | 24 | 2  | 2 | 6  | 0  | 7  | 3.47     | 649/790   | 3.47 | 4.17 | 4.06  | 4.11 | 3.47 |

Course-Section: STAT 355 04

Title: Intro App Prob & Stat

Instructor: Glezen, John

Term - Spring 2011

Enrollment: 91

|   | -  |    |   | 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 |
| Laboratory  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 1. Did the lab increase understanding of the material     | 47 | 0  | 0 | 0   | 1    | 0    | 2 | 4.33 | ****/200 | ****   | **** | 4.28 | 4.44  | **** |
| 2. Were you provided with adequate background information | 47 | 0  | 0 | 0   | 0    | 1    | 2 | 4.67 | ****/205 | ****   | **** | 4.29 | 4.44  | **** |
| 3. Were necessary materials available for lab activities  | 47 | 0  | 0 | 0   | 0    | 1    | 2 | 4.67 | ****/201 | ****   | **** | 4.51 | 4.59  | **** |
| 4. Did the lab instructor provide assistance              | 47 | 0  | 0 | 0   | 0    | 0    | 3 | 5.00 | ****/202 | ****   | **** | 4.42 | 4.48  | **** |
| 5. Were requirements for lab reports clearly specified    | 47 | 0  | 0 | 0   | 1    | 0    | 2 | 4.33 | ****/196 | ****   | **** | 4.25 | 4.37  | **** |
| Seminar   |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| Were assigned topics relevant to the announced theme      | 49 | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/67  | ****   | 5.00 | 4.58 | 5.00  | **** |
| 2. Was the instructor available for individual attention  | 49 | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/66  | ****   | 5.00 | 4.36 | 4.70  | **** |
| 3. Did research projects contribute to what you learned   | 49 | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/64  | ****   | 5.00 | 4.25 | 4.48  | **** |
| 4. Did presentations contribute to what you learned       | 49 | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/75  | ****   | 5.00 | 4.32 | 4.80  | **** |
| 5. Were criteria for grading made clear                   | 49 | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/73  | ****   | 5.00 | 4.00 | 4.64  | **** |
| Field Work  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 1. Did field experience contribute to what you learned    | 49 | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/34  | ***    | 5.00 | 4.33 | 4.87  | **** |
| 2. Did you clearly understand your evaluation criteria    | 49 | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/35  | ***    | 5.00 | 4.15 | 4.66  | **** |
| 3. Was the instructor available for consultation          | 49 | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/30  | ***    | 5.00 | 4.09 | 4.61  | **** |
| 4. To what degree could you discuss your evaluations      | 49 | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/30  | ***    | 5.00 | 4.04 | 4.49  | **** |
| 5. Did conferences help you carry out field activities    | 49 | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/27  | ***    | 5.00 | 4.13 | 4.33  | **** |
| Self Paced  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| Did self-paced system contribute to what you learned      | 49 | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/31  | ***    | 4.50 | 4.34 | 4.38  | ***  |
| 2. Did study questions make clear the expected goal       | 49 | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/18  | ***    | 4.50 | 4.13 | ***   | **** |
| 3. Were your contacts with the instructor helpful         | 49 | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/24  | ***    | 5.00 | 4.34 | 5.00  | **** |

Course-Section: STAT 355 04

Title: Intro App Prob & Stat

Instructor: Glezen,John

Term - Spring 2011

Enrollment: 91

Questionnaires: 50

|  |    |    |   | 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 |
| Self Paced   |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 4. Was the feedback/tutoring by proctors helpful   | 49 | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/15  | ****   | 5.00 | 4.18 | 5.00  | ***  |
| 5. Were there enough proctors for all the students | 49 | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/13  | ****   | 5.00 | 4.07 | 5.00  | **** |

#### Frequency Distribution

| Credits | Earned | Cum. GP.  | Α  | Expected | d Grades | Reasons             |    | Туре             |             | Majors           |    |
|---------|--------|-----------|----|----------|----------|---------------------|----|------------------|-------------|------------------|----|
| 00-27   | 0      | 0.00-0.99 | 0  | Α        | 17       | Required for Majors | 37 | Graduate         | 0           | Major            | 0  |
| 28-55   | 3      | 1.00-1.99 | 0  | В        | 19       |                     |    |                  |             |                  |    |
| 56-83   | 7      | 2.00-2.99 | 4  | С        | 9        | General             | 2  | Under-grad       | 50          | Non-major        | 50 |
| 84-150  | 10     | 3.00-3.49 | 9  | D        | 1        |                     |    |                  |             |                  |    |
| Grad.   | 0      | 3.50-4.00 | 13 | F        | 0        | Electives           | 4  | **** - Means th  | ere are not | enough responses |    |
|         |        |           |    | Р        | 0        |                     |    | to be significan | t           |                  |    |
|         |        |           |    | I        | 0        | Other               | 2  |                  |             |                  |    |
|         |        |           |    | ?        | 4        |                     |    |                  |             |                  |    |

Course-Section: STAT 414 01

Title: Environmental Statistics

Instructor: Neerchal,Nagara

Term - Spring 2011

Enrollment: 32

|   | FrequenciesInstructionNRNA12345MeanR |    |   |   |   |    |    | 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  | 3 | 4 | 8 | 6  | 7  | 3.36     | 1386/1449 | 3.36 | 4.29 | 4.33  | 4.46 | 3.36 |
| 2. Did the instructor make clear the expected goals       | 0                                    | 0  | 4 | 4 | 6 | 10 | 4  | 3.21     | 1395/1446 | 3.21 | 4.25 | 4.29  | 4.34 | 3.21 |
| 3. Did the exam questions reflect the expected goals      | 0                                    | 0  | 1 | 2 | 9 | 9  | 7  | 3.68     | 1119/1256 | 3.68 | 4.33 | 4.34  | 4.43 | 3.68 |
| 4. Did other evaluations reflect the expected goals       | 2                                    | 5  | 1 | 3 | 6 | 7  | 4  | 3.48     | 1283/1402 | 3.48 | 4.11 | 4.27  | 4.35 | 3.48 |
| 5. Did assigned readings contribute to what you learned   | 1                                    | 15 | 3 | 0 | 2 | 4  | 3  | 3.33     | 1232/1358 | 3.33 | 3.96 | 4.13  | 4.21 | 3.33 |
| 6. Did written assignments contribute to what you learned | 1                                    | 8  | 3 | 2 | 3 | 7  | 4  | 3.37     | 1185/1327 | 3.37 | 4.28 | 4.16  | 4.28 | 3.37 |
| 7. Was the grading system clearly explained               | 1                                    | 1  | 3 | 7 | 6 | 5  | 5  | 3.08     | 1374/1435 | 3.08 | 4.19 | 4.20  | 4.27 | 3.08 |
| 8. How many times was class cancelled                     | 1                                    | 0  | 0 | 0 | 0 | 0  | 27 | 5.00     | 1/1446    | 5.00 | 4.74 | 4.67  | 4.71 | 5.00 |
| 9. How would you grade the overall teaching effectiveness | 6                                    | 0  | 1 | 5 | 6 | 6  | 4  | 3.32     | 1318/1437 | 3.32 | 4.02 | 4.12  | 4.20 | 3.32 |
| Lecture   |                                      |    |   |   |   |    |    |          |           |      |      |       |      |      |
| 1. Were the instructor's lectures well prepared           | 2                                    | 0  | 1 | 1 | 9 | 8  | 7  | 3.73     | 1279/1386 | 3.73 | 4.48 | 4.48  | 4.55 | 3.73 |
| 2. Did the instructor seem interested in the subject      | 2                                    | 0  | 0 | 0 | 2 | 5  | 19 | 4.65     | 1014/1390 | 4.65 | 4.76 | 4.74  | 4.78 | 4.65 |
| 3. Was lecture material presented and explained clearly   | 2                                    | 0  | 0 | 6 | 7 | 8  | 5  | 3.46     | 1274/1379 | 3.46 | 4.21 | 4.34  | 4.40 | 3.46 |
| 4. Did the lectures contribute to what you learned        | 2                                    | 0  | 0 | 7 | 3 | 5  | 11 | 3.77     | 1178/1379 | 3.77 | 4.33 | 4.36  | 4.44 | 3.77 |
| 5. Did audiovisual techniques enhance your understanding  | 3                                    | 15 | 3 | 1 | 3 | 2  | 1  | 2.70     | 1194/1236 | 2.70 | 3.93 | 4.08  | 4.13 | 2.70 |
| Discussion  |                                      |    |   |   |   |    |    |          |           |      |      |       |      |      |
| 1. Did class discussions contribute to what you learned   | 22                                   | 0  | 0 | 1 | 1 | 2  | 2  | 3.83     | ****/1121 | **** | 3.68 | 4.18  | 4.39 | **** |
| 2. Were all students actively encouraged to participate   | 22                                   | 0  | 0 | 0 | 1 | 3  | 2  | 4.17     | ****/1122 | ***  | 3.93 | 4.36  | 4.54 | **** |
| 3. Did the instructor encourage fair and open discussion  | 22                                   | 0  | 0 | 0 | 1 | 2  | 3  | 4.33     | ****/1121 | ***  | 4.14 | 4.40  | 4.60 | **** |
| 4. Were special techniques successful                     | 22                                   | 0  | 0 | 0 | 1 | 3  | 2  | 4.17     | ****/790  | **** | 4.17 | 4.06  | 4.27 | ***  |

|           |           |             |         |          | _     |  |        |            |       | _  |      |                 |           |         |          |         |      |
|-----------|-----------|-------------|---------|----------|-------|--|--------|------------|-------|----|------|-----------------|-----------|---------|----------|---------|------|
| Course-   | Section:  | STAT 414 01 | 1       |          |       |  | Term   | ı - Spring | 2011  |    |      |                 |           |         | Enro     | Ilment: | 32   |
|           | Title:    | Environmen  | ital St | atistics |       |  |        |            |       | _  |      |                 |           | Q       | uestion  | naires: | 28   |
| Ins       | structor: | Neerchal,Na | agara   |          |       |  |        |            |       |    |      |                 |           |         |          |         |      |
|           |           |             |         |          |       |  |        | Freque     | ncies |    | In   | structor        | Course    | Org     | UMBC     | Level   | Sect |
|           |           | Questions   |         |          | NR    | NA                                     | 1      | 2 3        | 4     | 5  | Mean | Rank            | Mean      | Mean    | Mean     | Mean    | Mean |
|           |           | Discussion  |         |          |       |  |        |            |       |    |      |                 |           |         |          |         |      |
|           |           |             |         |          |       | Frequency Distribution                 |        |            |       |    |      |                 |           |         |          |         |      |
| Credits E | arned     | Cum. GPA    | 4       | Expected | Grade | es                                     |        | Reaso      | ons   |    |      | Туре            | )         |         | Ma       | jors    |      |
| 00-27     | 3         | 0.00-0.99   | 1       | Α        | 16    | Grades Reasons  16 Required for Majors |        |            |       | 17 | •    | Graduate        | 8         |         | Major    |         | 5    |
| 28-55     | 0         | 1.00-1.99   | 0       | В        | 4     |  |        |            |       |    |      |                 |           |         |          |         |      |
| 56-83     | 1         | 2.00-2.99   | 0       | С        | 2     |  | Gene   | ral        |       | 0  | )    | Under-grad      | 20        |         | Non-ma   | ajor    | 23   |
| 84-150    | 4         | 3.00-3.49   | 4       | D        | 0     |  |        |            |       |    |      |                 |           |         |          |         |      |
| Grad.     | 8         | 3.50-4.00   | 9       | F        | 0     |  | Electi | ves        |       | 7  | •    | **** - Means    | there are | not end | ough res | ponses  |      |
|           |           |             |         | Р        | 0     |  |        |            |       |    |      | to be significa | ant       |         |          |         |      |
|           |           |             |         | 1        | 0     |  | Other  | •          |       | 0  | )    |                 |           |         |          |         |      |
|           |           |             |         | 2        | 2     |  |        |            |       |    |      |                 |           |         |          |         |      |

Course-Section: STAT 453 01

Title: Intro Mathematical Stat

Instructor: Stanwyck, Elizab

Term - Spring 2011

Enrollment: 20

Questionnaires: 16

|   |    |    |   | 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 |
| General   |    |    |   |     |      |      |    |      |           |        |      |      |       |      |
| 1. Did you gain new insights, skills from this course     | 0  | 0  | 0 | 0   | 0    | 5    | 11 | 4.69 | 348/1449  | 4.69   | 4.29 | 4.33 | 4.46  | 4.69 |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 0 | 0   | 0    | 5    | 11 | 4.69 | 325/1446  | 4.69   | 4.25 | 4.29 | 4.34  | 4.69 |
| 3. Did the exam questions reflect the expected goals      | 0  | 0  | 0 | 0   | 0    | 5    | 11 | 4.69 | 345/1256  | 4.69   | 4.33 | 4.34 | 4.43  | 4.69 |
| 4. Did other evaluations reflect the expected goals       | 0  | 5  | 0 | 0   | 0    | 3    | 8  | 4.73 | 270/1402  | 4.73   | 4.11 | 4.27 | 4.35  | 4.73 |
| 5. Did assigned readings contribute to what you learned   | 1  | 5  | 0 | 1   | 3    | 0    | 6  | 4.10 | 776/1358  | 4.10   | 3.96 | 4.13 | 4.21  | 4.10 |
| 6. Did written assignments contribute to what you learned | 1  | 6  | 0 | 0   | 0    | 3    | 6  | 4.67 | 253/1327  | 4.67   | 4.28 | 4.16 | 4.28  | 4.67 |
| 7. Was the grading system clearly explained               | 1  | 0  | 0 | 0   | 0    | 3    | 12 | 4.80 | 163/1435  | 4.80   | 4.19 | 4.20 | 4.27  | 4.80 |
| 8. How many times was class cancelled                     | 1  | 0  | 0 | 0   | 0    | 0    | 15 | 5.00 | 1/1446    | 5.00   | 4.74 | 4.67 | 4.71  | 5.00 |
| 9. How would you grade the overall teaching effectiveness | 3  | 0  | 0 | 0   | 0    | 7    | 6  | 4.46 | 406/1437  | 4.46   | 4.02 | 4.12 | 4.20  | 4.46 |
| Lecture   |    |    |   |     |      |      |    |      |           |        |      |      |       |      |
| 1. Were the instructor's lectures well prepared           | 1  | 0  | 0 | 0   | 0    | 3    | 12 | 4.80 | 371/1386  | 4.80   | 4.48 | 4.48 | 4.55  | 4.80 |
| 2. Did the instructor seem interested in the subject      | 1  | 0  | 0 | 0   | 0    | 2    | 13 | 4.87 | 633/1390  | 4.87   | 4.76 | 4.74 | 4.78  | 4.87 |
| 3. Was lecture material presented and explained clearly   | 1  | 0  | 0 | 0   | 2    | 3    | 10 | 4.53 | 599/1379  | 4.53   | 4.21 | 4.34 | 4.40  | 4.53 |
| 4. Did the lectures contribute to what you learned        | 1  | 0  | 0 | 0   | 1    | 3    | 11 | 4.67 | 508/1379  | 4.67   | 4.33 | 4.36 | 4.44  | 4.67 |
| 5. Did audiovisual techniques enhance your understanding  | 1  | 10 | 2 | 0   | 1    | 0    | 2  | 3.00 | 1144/1236 | 3.00   | 3.93 | 4.08 | 4.13  | 3.00 |

## Frequency Distribution

| Credits Ea | arned | Cum. GPA  | A | Expected | Grades | Reasons             |    | Type       |    | Majors    |    |
|------------|-------|-----------|---|----------|--------|---------------------|----|------------|----|-----------|----|
| 00-27      | 1     | 0.00-0.99 | 0 | Α        | 10     | Required for Majors | 10 | Graduate   | 1  | Major     | 4  |
| 28-55      | 0     | 1.00-1.99 | 0 | В        | 5      |                     |    |            |    |           |    |
| 56-83      | 2     | 2.00-2.99 | 1 | С        | 0      | General             | 0  | Under-grad | 15 | Non-major | 12 |
| 84-150     | 3     | 3.00-3.49 | 1 | D        | 0      |                     |    |            |    |           |    |

Run Date: 7/14/2011 12:15:02 PM

| Course-S | Section | : STAT 453 0° | 1       |      |    |    | Term   | - Spr | ring 2 | 011  |   |      |                     |           |         | Enro      | Ilment: | 20   |
|----------|---------|---------------|---------|------|----|----|--------|-------|--------|------|---|------|---------------------|-----------|---------|-----------|---------|------|
|          | Title   | : Intro Mathe | matical | Stat |    |    |        |       |        |      |   |      |                     |           | Q       | uestion   | naires: | 16   |
| Ins      | tructor | : Stanwyck,El | lizab   |      |    |    |        |       |        |      |   |      |                     |           |         |           |         |      |
|          |         |               |         |      |    |    |        | 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 |
|          |         | Lecture       |         |      |    |    |        |       |        |      |   |      |                     |           |         |           |         |      |
| Grad.    | 1       | 3.50-4.00     | 6       | F    | 0  |    | Electi | ves   |        |      | 4 |      | **** - Means        | there are | not end | ough resp | oonses  |      |
|          |         |               |         | Р    | 0  |    |        |       |        |      |   |      | to be signification | ant       |         |           |         |      |
|          |         |               |         | 1    | 0  |    | Other  |       |        |      | 1 |      |                     |           |         |           |         |      |
|          |         |               |         | ?    | 1  |    |        |       |        |      |   |      |                     |           |         |           |         |      |

Course-Section: STAT 455 01

Title: Design Quality Control

Instructor: Sinha,Bimal K

Term - Spring 2011

Enrollment: 11

Questionnaires: 8

|   |    |    |   | 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 |
| General   |    |    |   |     |      |      |   |      |           |        |      |      |       |      |
| 1. Did you gain new insights, skills from this course     | 0  | 0  | 0 | 0   | 0    | 3    | 5 | 4.63 | 432/1449  | 4.63   | 4.29 | 4.33 | 4.46  | 4.63 |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 0 | 0   | 1    | 3    | 4 | 4.38 | 735/1446  | 4.38   | 4.25 | 4.29 | 4.34  | 4.38 |
| 3. Did the exam questions reflect the expected goals      | 0  | 5  | 0 | 0   | 0    | 1    | 2 | 4.67 | 367/1256  | 4.67   | 4.33 | 4.34 | 4.43  | 4.67 |
| 4. Did other evaluations reflect the expected goals       | 0  | 1  | 0 | 0   | 0    | 1    | 6 | 4.86 | 143/1402  | 4.86   | 4.11 | 4.27 | 4.35  | 4.86 |
| 5. Did assigned readings contribute to what you learned   | 1  | 4  | 0 | 0   | 0    | 3    | 0 | 4.00 | 827/1358  | 4.00   | 3.96 | 4.13 | 4.21  | 4.00 |
| 6. Did written assignments contribute to what you learned | 0  | 4  | 0 | 0   | 0    | 0    | 4 | 5.00 | 1/1327    | 5.00   | 4.28 | 4.16 | 4.28  | 5.00 |
| 7. Was the grading system clearly explained               | 0  | 3  | 1 | 0   | 4    | 0    | 0 | 2.60 | 1409/1435 | 2.60   | 4.19 | 4.20 | 4.27  | 2.60 |
| 8. How many times was class cancelled                     | 0  | 0  | 0 | 0   | 0    | 3    | 5 | 4.63 | 928/1446  | 4.63   | 4.74 | 4.67 | 4.71  | 4.63 |
| 9. How would you grade the overall teaching effectiveness | 2  | 0  | 0 | 0   | 2    | 1    | 3 | 4.17 | 735/1437  | 4.17   | 4.02 | 4.12 | 4.20  | 4.17 |
| Lecture   |    |    |   |     |      |      |   |      |           |        |      |      |       |      |
| 1. Were the instructor's lectures well prepared           | 0  | 0  | 0 | 0   | 0    | 3    | 5 | 4.63 | 676/1386  | 4.63   | 4.48 | 4.48 | 4.55  | 4.63 |
| 2. Did the instructor seem interested in the subject      | 0  | 0  | 0 | 0   | 0    | 1    | 7 | 4.88 | 607/1390  | 4.88   | 4.76 | 4.74 | 4.78  | 4.88 |
| 3. Was lecture material presented and explained clearly   | 0  | 0  | 0 | 1   | 0    | 3    | 4 | 4.25 | 902/1379  | 4.25   | 4.21 | 4.34 | 4.40  | 4.25 |
| 4. Did the lectures contribute to what you learned        | 0  | 0  | 0 | 0   | 0    | 2    | 6 | 4.75 | 385/1379  | 4.75   | 4.33 | 4.36 | 4.44  | 4.75 |

### Frequency Distribution

| Credits Ea | arned | Cum. GPA  | 4 | Expected | Grades | Reasons             |   | Type             |            | Majors           |   |
|------------|-------|-----------|---|----------|--------|---------------------|---|------------------|------------|------------------|---|
| 00-27      | 0     | 0.00-0.99 | 0 | Α        | 6      | Required for Majors | 3 | Graduate         | 1          | Major            | 5 |
| 28-55      | 0     | 1.00-1.99 | 0 | В        | 1      |                     |   |                  |            |                  |   |
| 56-83      | 0     | 2.00-2.99 | 1 | С        | 1      | General             | 0 | Under-grad       | 7          | Non-major        | 3 |
| 84-150     | 2     | 3.00-3.49 | 0 | D        | 0      |                     |   |                  |            |                  |   |
| Grad.      | 1     | 3.50-4.00 | 3 | F        | 0      | Electives           | 5 | **** - Means the | re are not | enough responses |   |

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| Course-Secti | ion: STAT 4 | 155 01        |       |    |    | Term  | - Spr | ing 20 | 011  |   |      |                 |        |      | Enrol   | Ilment: | 11   |
|--------------|-------------|---------------|-------|----|----|-------|-------|--------|------|---|------|-----------------|--------|------|---------|---------|------|
| Ti           | tle: Design | n Quality Con | itrol |    |    |       |       |        |      | , |      |                 |        | Q    | uestion | naires: | 8    |
| Instruc      | tor: Sinha, | Bimal K       |       |    |    |       |       |        |      |   |      |                 |        |      |         |         |      |
|              |             |               |       |    |    |       | Fred  | quenc  | cies |   | Ins  | tructor         | Course | Org  | UMBC    | Level   | Sect |
|              | Questi      | ons           |       | NR | NA | 1     | 2     | 3      | 4    | 5 | Mean | Rank            | Mean   | Mean | Mean    | Mean    | Mean |
|              | Lectu       | ıre           |       |    |    |       |       |        |      |   |      |                 |        |      |         |         |      |
|              |             |               | Р     | 0  |    |       |       |        |      |   | 1    | to be significa | ant    |      |         |         |      |
|              |             |               | I     | 0  |    | Other |       |        |      | 0 |      |                 |        |      |         |         |      |
|              |             |               | ?     | 0  |    |       |       |        |      |   |      |                 |        |      |         |         |      |

Course-Section: STAT 470 01

Title: Prob Actuarial Science

Instructor: Meskin, Stephen

Term - Spring 2011

Enrollment: 6

Questionnaires: 4

|   |    |    |   | 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 |
| General   |    |    |   |     |      |      |   |      |           |        |      |      |       |      |
| 1. Did you gain new insights, skills from this course     | 0  | 0  | 0 | 0   | 0    | 0    | 4 | 5.00 | 1/1449    | 5.00   | 4.29 | 4.33 | 4.46  | 5.00 |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 0 | 0   | 0    | 1    | 3 | 4.75 | 241/1446  | 4.75   | 4.25 | 4.29 | 4.34  | 4.75 |
| 3. Did the exam questions reflect the expected goals      | 0  | 3  | 0 | 0   | 0    | 0    | 1 | 5.00 | 1/1256    | 5.00   | 4.33 | 4.34 | 4.43  | 5.00 |
| 4. Did other evaluations reflect the expected goals       | 0  | 3  | 0 | 0   | 0    | 0    | 1 | 5.00 | 1/1402    | 5.00   | 4.11 | 4.27 | 4.35  | 5.00 |
| 5. Did assigned readings contribute to what you learned   | 0  | 0  | 0 | 0   | 0    | 1    | 3 | 4.75 | 163/1358  | 4.75   | 3.96 | 4.13 | 4.21  | 4.75 |
| 6. Did written assignments contribute to what you learned | 0  | 3  | 0 | 0   | 0    | 0    | 1 | 5.00 | 1/1327    | 5.00   | 4.28 | 4.16 | 4.28  | 5.00 |
| 7. Was the grading system clearly explained               | 0  | 3  | 0 | 0   | 0    | 0    | 1 | 5.00 | 1/1435    | 5.00   | 4.19 | 4.20 | 4.27  | 5.00 |
| 8. How many times was class cancelled                     | 0  | 0  | 0 | 0   | 0    | 3    | 1 | 4.25 | 1212/1446 | 4.25   | 4.74 | 4.67 | 4.71  | 4.25 |
| 9. How would you grade the overall teaching effectiveness | 1  | 0  | 0 | 0   | 1    | 1    | 1 | 4.00 | 868/1437  | 4.00   | 4.02 | 4.12 | 4.20  | 4.00 |
| Lecture   |    |    |   |     |      |      |   |      |           |        |      |      |       |      |
| 1. Were the instructor's lectures well prepared           | 0  | 0  | 0 | 0   | 0    | 1    | 3 | 4.75 | 462/1386  | 4.75   | 4.48 | 4.48 | 4.55  | 4.75 |
| 2. Did the instructor seem interested in the subject      | 0  | 0  | 0 | 0   | 0    | 0    | 4 | 5.00 | 1/1390    | 5.00   | 4.76 | 4.74 | 4.78  | 5.00 |
| 3. Was lecture material presented and explained clearly   | 0  | 0  | 0 | 0   | 1    | 0    | 3 | 4.50 | 635/1379  | 4.50   | 4.21 | 4.34 | 4.40  | 4.50 |
| 4. Did the lectures contribute to what you learned        | 0  | 0  | 0 | 0   | 0    | 0    | 4 | 5.00 | 1/1379    | 5.00   | 4.33 | 4.36 | 4.44  | 5.00 |

### Frequency Distribution

| Credits Ea | arned | Cum. GPA  | A | Expected | Grades | Reasons             |   | Type             |            | Majors           |   |
|------------|-------|-----------|---|----------|--------|---------------------|---|------------------|------------|------------------|---|
| 00-27      | 0     | 0.00-0.99 | 0 | Α        | 3      | Required for Majors | 1 | Graduate         | 0          | Major            | 1 |
| 28-55      | 0     | 1.00-1.99 | 0 | В        | 1      |                     |   |                  |            |                  |   |
| 56-83      | 0     | 2.00-2.99 | 0 | С        | 0      | General             | 0 | Under-grad       | 4          | Non-major        | 3 |
| 84-150     | 1     | 3.00-3.49 | 0 | D        | 0      |                     |   |                  |            |                  |   |
| Grad.      | 0     | 3.50-4.00 | 2 | F        | 0      | Electives           | 2 | **** - Means the | re are not | enough responses |   |

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| Course-Section: | STAT 470 01            |   |    |    | Term  | - Spri | ing 20 | D11  |   |      |                 |        |      | Enro    | llment: | 6    |
|-----------------|------------------------|---|----|----|-------|--------|--------|------|---|------|-----------------|--------|------|---------|---------|------|
| Title:          | Prob Actuarial Science | e |    |    |       |        |        |      |   |      |                 |        | Q    | uestion | naires: | 4    |
| Instructor:     | Meskin,Stephen         |   |    |    |       |        |        |      |   |      |                 |        |      |         |         |      |
|                 |                        |   |    |    |       | Fred   | quenc  | cies |   | Ins  | tructor         | Course | Org  | UMBC    | Level   | Sect |
|                 | Questions              |   | NR | NA | 1     | 2      | 3      | 4    | 5 | Mean | Rank            | Mean   | Mean | Mean    | Mean    | Mean |
|                 | Lecture                |   |    |    |       |        |        |      |   |      |                 |        |      |         |         |      |
|                 |                        | Р | 0  |    |       |        |        |      |   | 1    | to be significa | ant    |      |         |         |      |
|                 |                        | I | 0  |    | Other |        |        |      | 1 |      |                 |        |      |         |         |      |
|                 |                        | ? | 0  |    |       |        |        |      |   |      |                 |        |      |         |         |      |

Course-Section: STAT 601 01

Title: Applied Statistics I

Instructor: Park,DoHwan

Term - Spring 2011

Enrollment: 12

Questionnaires: 9

|   |    |    |   | 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  | 0 | 0   | 2    | 1    | 6 | 4.44 | 677/1449  | 4.44   | 4.29 | 4.33 | 4.41  | 4.44 |
| 2. Did the instructor make clear the expected goals       | 1  | 0  | 0 | 0   | 1    | 1    | 6 | 4.63 | 411/1446  | 4.63   | 4.25 | 4.29 | 4.30  | 4.63 |
| 3. Did the exam questions reflect the expected goals      | 0  | 0  | 0 | 0   | 0    | 4    | 5 | 4.56 | 476/1256  | 4.56   | 4.33 | 4.34 | 4.30  | 4.56 |
| 4. Did other evaluations reflect the expected goals       | 2  | 1  | 0 | 0   | 2    | 2    | 2 | 4.00 | 1022/1402 | 4.00   | 4.11 | 4.27 | 4.26  | 4.00 |
| 5. Did assigned readings contribute to what you learned   | 1  | 5  | 2 | 0   | 0    | 1    | 0 | 2.00 | 1354/1358 | 2.00   | 3.96 | 4.13 | 4.18  | 2.00 |
| 6. Did written assignments contribute to what you learned | 1  | 1  | 0 | 0   | 2    | 1    | 4 | 4.29 | 637/1327  | 4.29   | 4.28 | 4.16 | 4.29  | 4.29 |
| 7. Was the grading system clearly explained               | 0  | 0  | 0 | 1   | 0    | 1    | 7 | 4.56 | 430/1435  | 4.56   | 4.19 | 4.20 | 4.23  | 4.56 |
| 8. How many times was class cancelled                     | 0  | 0  | 0 | 0   | 0    | 7    | 2 | 4.22 | 1233/1446 | 4.22   | 4.74 | 4.67 | 4.81  | 4.22 |
| 9. How would you grade the overall teaching effectiveness | 3  | 0  | 0 | 0   | 1    | 4    | 1 | 4.00 | 868/1437  | 4.00   | 4.02 | 4.12 | 4.17  | 4.00 |
| Lecture   |    |    |   |     |      |      |   |      |           |        |      |      |       |      |
| 1. Were the instructor's lectures well prepared           | 1  | 0  | 0 | 1   | 1    | 1    | 5 | 4.25 | 1052/1386 | 4.25   | 4.48 | 4.48 | 4.47  | 4.25 |
| 2. Did the instructor seem interested in the subject      | 1  | 0  | 0 | 0   | 1    | 1    | 6 | 4.63 | 1047/1390 | 4.63   | 4.76 | 4.74 | 4.77  | 4.63 |
| 3. Was lecture material presented and explained clearly   | 1  | 0  | 0 | 1   | 4    | 0    | 3 | 3.63 | 1232/1379 | 3.63   | 4.21 | 4.34 | 4.34  | 3.63 |
| 4. Did the lectures contribute to what you learned        | 1  | 0  | 0 | 1   | 2    | 2    | 3 | 3.88 | 1136/1379 | 3.88   | 4.33 | 4.36 | 4.35  | 3.88 |
| 5. Did audiovisual techniques enhance your understanding  | 4  | 3  | 0 | 0   | 1    | 1    | 0 | 3.50 | ****/1236 | ***    | 3.93 | 4.08 | 3.94  | **** |
| Discussion  |    |    |   |     |      |      |   |      |           |        |      |      |       |      |
| 1. Did class discussions contribute to what you learned   | 8  | 0  | 0 | 0   | 1    | 0    | 0 | 3.00 | ****/1121 | ****   | 3.68 | 4.18 | 4.29  | **** |
| 2. Were all students actively encouraged to participate   | 8  | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/1122 | ***    | 3.93 | 4.36 | 4.44  | **** |
| 3. Did the instructor encourage fair and open discussion  | 8  | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/1121 | ***    | 4.14 | 4.40 | 4.52  | **** |

Frequency Distribution

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| Course-S   | Section: | STAT 601 01  | 1      |          |       |    | Term   | ı - Sprin  | g 20   | 011 |   |      |                 |           |         | Enro     | <mark>Ilment:</mark> | 12   |
|------------|----------|--------------|--------|----------|-------|----|--------|------------|--------|-----|---|------|-----------------|-----------|---------|----------|----------------------|------|
|            | Title:   | Applied Stat | istics | 1        |       |    |        |            |        |     | , |      |                 |           | Q       | uestion  | naires:              | 9    |
| Ins        | tructor: | Park,DoHwa   | an     |          |       |    |        |            |        |     |   |      |                 |           |         |          |                      |      |
|            |          |              |        |          |       |    |        | Frequ      | ienc   | ies |   | In   | structor        | Course    | Org     | UMBC     | Level                | Sect |
|            |          | Questions    |        |          | NR    | NA | 1      | 2          | 3      | 4   | 5 | Mean | Rank            | Mean      | Mean    | Mean     | Mean                 | Mean |
|            |          | Discussion   |        |          |       |    |        |            |        |     |   |      |                 |           |         |          |                      |      |
| Credits Ea | arned    | Cum. GPA     | ٦      | Expected | Grade | es |        | Rea        | son    | ıS  |   |      | Туре            | 1         |         | Maj      | jors                 |      |
| 00-27      | 3        | 0.00-0.99    | 0      | Α        | 5     |    | Requ   | ired for N | /lajor | rs  | 4 |      | Graduate        | 2         |         | Major    |                      | 4    |
| 28-55      | 0        | 1.00-1.99    | 0      | В        | 0     |    |        |            |        |     |   |      |                 |           |         |          |                      |      |
| 56-83      | 0        | 2.00-2.99    | 0      | С        | 0     |    | Gene   | ral        |        |     | 0 |      | Under-grad      | 7         |         | Non-ma   | ajor                 | 5    |
| 84-150     | 0        | 3.00-3.49    | 2      | D        | 0     |    |        |            |        |     |   |      |                 |           |         |          |                      |      |
| Grad.      | 2        | 3.50-4.00    | 1      | F        | 0     |    | Electi | ves        |        |     | 0 |      | **** - Means    | there are | not end | ough res | ponses               |      |
|            |          |              |        | Р        | 0     |    |        |            |        |     |   |      | to be significa | ant       |         |          |                      |      |
|            |          |              |        | 1        | 0     |    | Other  | •          |        |     | 1 |      |                 |           |         |          |                      |      |
|            |          |              |        | ?        | 4     |    |        |            |        |     |   |      |                 |           |         |          |                      |      |

Course-Section: STAT 612 01

Title: Mathematical Stat II

Instructor: Roy,Anindya

Term - Spring 2011

Enrollment: 3

Questionnaires: 3

|   |    |    |   | 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  | 0 | 1   | 0    | 0    | 2 | 4.00 | 1106/1449 | 4.00   | 4.29 | 4.33 | 4.41  | 4.00 |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 0 | 0   | 1    | 0    | 2 | 4.33 | 776/1446  | 4.33   | 4.25 | 4.29 | 4.30  | 4.33 |
| 3. Did the exam questions reflect the expected goals      | 0  | 0  | 0 | 1   | 0    | 0    | 2 | 4.00 | 936/1256  | 4.00   | 4.33 | 4.34 | 4.30  | 4.00 |
| 4. Did other evaluations reflect the expected goals       | 0  | 0  | 0 | 1   | 0    | 0    | 2 | 4.00 | 1022/1402 | 4.00   | 4.11 | 4.27 | 4.26  | 4.00 |
| 5. Did assigned readings contribute to what you learned   | 0  | 0  | 1 | 1   | 0    | 0    | 1 | 2.67 | 1338/1358 | 2.67   | 3.96 | 4.13 | 4.18  | 2.67 |
| 6. Did written assignments contribute to what you learned | 0  | 1  | 0 | 0   | 0    | 0    | 2 | 5.00 | 1/1327    | 5.00   | 4.28 | 4.16 | 4.29  | 5.00 |
| 7. Was the grading system clearly explained               | 0  | 0  | 0 | 1   | 1    | 0    | 1 | 3.33 | 1318/1435 | 3.33   | 4.19 | 4.20 | 4.23  | 3.33 |
| 8. How many times was class cancelled                     | 0  | 0  | 0 | 0   | 0    | 0    | 3 | 5.00 | 1/1446    | 5.00   | 4.74 | 4.67 | 4.81  | 5.00 |
| 9. How would you grade the overall teaching effectiveness | 0  | 0  | 0 | 1   | 0    | 0    | 2 | 4.00 | 868/1437  | 4.00   | 4.02 | 4.12 | 4.17  | 4.00 |
| Lecture   |    |    |   |     |      |      |   |      |           |        |      |      |       |      |
| 1. Were the instructor's lectures well prepared           | 0  | 0  | 0 | 1   | 0    | 0    | 2 | 4.00 | 1177/1386 | 4.00   | 4.48 | 4.48 | 4.47  | 4.00 |
| 2. Did the instructor seem interested in the subject      | 0  | 0  | 0 | 0   | 1    | 0    | 2 | 4.33 | 1250/1390 | 4.33   | 4.76 | 4.74 | 4.77  | 4.33 |
| 3. Was lecture material presented and explained clearly   | 0  | 0  | 0 | 0   | 1    | 0    | 2 | 4.33 | 832/1379  | 4.33   | 4.21 | 4.34 | 4.34  | 4.33 |
| 4. Did the lectures contribute to what you learned        | 0  | 0  | 0 | 1   | 0    | 0    | 2 | 4.00 | 1053/1379 | 4.00   | 4.33 | 4.36 | 4.35  | 4.00 |

### Frequency Distribution

| Credits Ea | arned | Cum. GPA  | A | Expected | Grades | Reasons             |   | Type             |            | Majors           |   |
|------------|-------|-----------|---|----------|--------|---------------------|---|------------------|------------|------------------|---|
| 00-27      | 0     | 0.00-0.99 | 0 | Α        | 2      | Required for Majors | 3 | Graduate         | 2          | Major            | 3 |
| 28-55      | 0     | 1.00-1.99 | 0 | В        | 1      |                     |   |                  |            |                  |   |
| 56-83      | 0     | 2.00-2.99 | 0 | С        | 0      | General             | 0 | Under-grad       | 1          | Non-major        | 0 |
| 84-150     | 0     | 3.00-3.49 | 1 | D        | 0      |                     |   |                  |            |                  |   |
| Grad.      | 2     | 3.50-4.00 | 0 | F        | 0      | Electives           | 0 | **** - Means the | re are not | enough responses |   |

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| Course-Section: | STAT 612 01          |   |    |    | Term  | - Sprin | ıg 20 | )11 |   |      |                 |        |      | Enro    | Ilment: | 3    |
|-----------------|----------------------|---|----|----|-------|---------|-------|-----|---|------|-----------------|--------|------|---------|---------|------|
| Title:          | Mathematical Stat II |   |    |    |       |         |       |     |   |      |                 |        | Q    | uestion | naires: | 3    |
| Instructor:     | Roy,Anindya          |   |    |    |       |         |       |     |   |      |                 |        |      |         |         |      |
|                 |                      |   |    |    |       | Frequ   | uenc  | ies |   | Ins  | tructor         | Course | Org  | UMBC    | Level   | Sect |
|                 | Questions            |   | NR | NA | 1     | 2       | 3     | 4   | 5 | Mean | Rank            | Mean   | Mean | Mean    | Mean    | Mean |
|                 | Lecture              |   |    |    |       |         |       |     |   |      |                 |        |      |         |         |      |
| `               |                      | Р | 0  |    |       |         |       |     |   | 1    | to be significa | ant    |      |         |         |      |
|                 |                      | I | 0  |    | Other |         |       |     | 0 |      |                 |        |      |         |         |      |
|                 |                      | ? | 0  |    |       |         |       |     |   |      |                 |        |      |         |         |      |

Course-Section: STAT 615 01

Title: Multivariate Stat Analys

Instructor: Mathew,Thomas

Term - Spring 2011

Enrollment: 16

Questionnaires: 13

|   | _  |    | Frequencies |   |   |   |    | Instructor |          | 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  | 0           | 0 | 0 | 1 | 12 | 4.92       | 106/1449 | 4.92   | 4.29 | 4.33 | 4.41  | 4.92 |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 0           | 0 | 1 | 3 | 9  | 4.62       | 425/1446 | 4.62   | 4.25 | 4.29 | 4.30  | 4.62 |
| 3. Did the exam questions reflect the expected goals      | 0  | 0  | 0           | 0 | 0 | 2 | 11 | 4.85       | 182/1256 | 4.85   | 4.33 | 4.34 | 4.30  | 4.85 |
| 4. Did other evaluations reflect the expected goals       | 0  | 2  | 0           | 0 | 2 | 2 | 7  | 4.45       | 599/1402 | 4.45   | 4.11 | 4.27 | 4.26  | 4.45 |
| 5. Did assigned readings contribute to what you learned   | 0  | 2  | 1           | 1 | 0 | 4 | 5  | 4.00       | 827/1358 | 4.00   | 3.96 | 4.13 | 4.18  | 4.00 |
| 6. Did written assignments contribute to what you learned | 0  | 0  | 0           | 0 | 0 | 3 | 10 | 4.77       | 173/1327 | 4.77   | 4.28 | 4.16 | 4.29  | 4.77 |
| 7. Was the grading system clearly explained               | 0  | 0  | 0           | 0 | 0 | 2 | 11 | 4.85       | 131/1435 | 4.85   | 4.19 | 4.20 | 4.23  | 4.85 |
| 8. How many times was class cancelled                     | 0  | 0  | 0           | 0 | 0 | 2 | 11 | 4.85       | 647/1446 | 4.85   | 4.74 | 4.67 | 4.81  | 4.85 |
| 9. How would you grade the overall teaching effectiveness | 6  | 1  | 0           | 0 | 0 | 0 | 6  | 5.00       | 1/1437   | 5.00   | 4.02 | 4.12 | 4.17  | 5.00 |
| Lecture   |    |    |             |   |   |   |    |            |          |        |      |      |       |      |
| 1. Were the instructor's lectures well prepared           | 0  | 0  | 0           | 0 | 0 | 0 | 13 | 5.00       | 1/1386   | 5.00   | 4.48 | 4.48 | 4.47  | 5.00 |
| 2. Did the instructor seem interested in the subject      | 0  | 0  | 0           | 0 | 0 | 1 | 12 | 4.92       | 425/1390 | 4.92   | 4.76 | 4.74 | 4.77  | 4.92 |
| 3. Was lecture material presented and explained clearly   | 0  | 0  | 0           | 0 | 1 | 0 | 12 | 4.85       | 199/1379 | 4.85   | 4.21 | 4.34 | 4.34  | 4.85 |
| 4. Did the lectures contribute to what you learned        | 1  | 0  | 0           | 0 | 0 | 0 | 12 | 5.00       | 1/1379   | 5.00   | 4.33 | 4.36 | 4.35  | 5.00 |
| 5. Did audiovisual techniques enhance your understanding  | 2  | 4  | 1           | 0 | 0 | 2 | 4  | 4.14       | 641/1236 | 4.14   | 3.93 | 4.08 | 3.94  | 4.14 |
| Discussion  |    |    |             |   |   |   |    |            |          |        |      |      |       |      |
| 1. Did class discussions contribute to what you learned   | 7  | 0  | 1           | 0 | 0 | 2 | 3  | 4.00       | 727/1121 | 4.00   | 3.68 | 4.18 | 4.29  | 4.00 |
| 2. Were all students actively encouraged to participate   | 7  | 0  | 0           | 0 | 0 | 2 | 4  | 4.67       | 404/1122 | 4.67   | 3.93 | 4.36 | 4.44  | 4.67 |
| 3. Did the instructor encourage fair and open discussion  | 6  | 0  | 0           | 0 | 0 | 1 | 6  | 4.86       | 269/1121 | 4.86   | 4.14 | 4.40 | 4.52  | 4.86 |
| 4. Were special techniques successful                     | 8  | 2  | 0           | 0 | 0 | 1 | 2  | 4.67       | ****/790 | ***    | 4.17 | 4.06 | 4.08  | ***  |

Course-Section: STAT 615 01

Title: Multivariate Stat Analys

Instructor: Mathew,Thomas

Term - Spring 2011

Enrollment: 16

Questionnaires: 13

|   |    |    |   | 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  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 1. Did the lab increase understanding of the material     | 11 | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | ****/200 | ****   | **** | 4.28 | 3.91  | **** |
| 2. Were you provided with adequate background information | 11 | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | ****/205 | ***    | **** | 4.29 | 3.54  | **** |
| 3. Were necessary materials available for lab activities  | 11 | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | ****/201 | ***    | **** | 4.51 | 4.10  | **** |
| 4. Did the lab instructor provide assistance              | 11 | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | ****/202 | ***    | **** | 4.42 | 4.30  | **** |
| 5. Were requirements for lab reports clearly specified    | 12 | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/196 | ***    | **** | 4.25 | 4.16  | **** |

#### Frequency Distribution

| Credits Ea | arned | Cum. GPA  | 4 | Expected | Grades | Reasons             |   | Type              |            | Majors           |    |
|------------|-------|-----------|---|----------|--------|---------------------|---|-------------------|------------|------------------|----|
| 00-27      | 1     | 0.00-0.99 | 0 | Α        | 7      | Required for Majors | 1 | Graduate          | 6          | Major            | 11 |
| 28-55      | 1     | 1.00-1.99 | 0 | В        | 2      |                     |   |                   |            |                  |    |
| 56-83      | 0     | 2.00-2.99 | 0 | С        | 0      | General             | 2 | Under-grad        | 7          | Non-major        | 2  |
| 84-150     | 0     | 3.00-3.49 | 0 | D        | 0      |                     |   |                   |            |                  |    |
| Grad.      | 6     | 3.50-4.00 | 4 | F        | 0      | Electives           | 6 | **** - Means the  | re are not | enough responses |    |
|            |       |           |   | Р        | 0      |                     |   | to be significant |            |                  |    |
|            |       |           |   | 1        | 0      | Other               | 1 |                   |            |                  |    |
|            |       |           |   | ?        | 4      |                     |   |                   |            |                  |    |

Course-Section: STAT 619 01

Title: Biostatistics

Instructor: Huang,Yi

Term - Spring 2011

Enrollment: 6

Questionnaires: 5

|   |    |    |   | 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  | 0 | 0   | 0    | 2    | 3 | 4.60 | 460/1449  | 4.60   | 4.29 | 4.33 | 4.41  | 4.60 |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 0 | 0   | 0    | 2    | 3 | 4.60 | 440/1446  | 4.60   | 4.25 | 4.29 | 4.30  | 4.60 |
| 3. Did the exam questions reflect the expected goals      | 0  | 1  | 0 | 0   | 0    | 1    | 3 | 4.75 | 269/1256  | 4.75   | 4.33 | 4.34 | 4.30  | 4.75 |
| 4. Did other evaluations reflect the expected goals       | 0  | 0  | 0 | 0   | 0    | 1    | 4 | 4.80 | 179/1402  | 4.80   | 4.11 | 4.27 | 4.26  | 4.80 |
| 5. Did assigned readings contribute to what you learned   | 0  | 0  | 0 | 0   | 1    | 0    | 4 | 4.60 | 285/1358  | 4.60   | 3.96 | 4.13 | 4.18  | 4.60 |
| 6. Did written assignments contribute to what you learned | 0  | 0  | 0 | 0   | 0    | 2    | 3 | 4.60 | 309/1327  | 4.60   | 4.28 | 4.16 | 4.29  | 4.60 |
| 7. Was the grading system clearly explained               | 0  | 0  | 0 | 0   | 0    | 0    | 5 | 5.00 | 1/1435    | 5.00   | 4.19 | 4.20 | 4.23  | 5.00 |
| 8. How many times was class cancelled                     | 1  | 0  | 0 | 0   | 0    | 0    | 4 | 5.00 | 1/1446    | 5.00   | 4.74 | 4.67 | 4.81  | 5.00 |
| 9. How would you grade the overall teaching effectiveness | 1  | 0  | 1 | 0   | 1    | 1    | 1 | 3.25 | 1334/1437 | 3.25   | 4.02 | 4.12 | 4.17  | 3.25 |
| Lecture   |    |    |   |     |      |      |   |      |           |        |      |      |       |      |
| 1. Were the instructor's lectures well prepared           | 0  | 0  | 0 | 0   | 0    | 0    | 5 | 5.00 | 1/1386    | 5.00   | 4.48 | 4.48 | 4.47  | 5.00 |
| 2. Did the instructor seem interested in the subject      | 0  | 0  | 0 | 0   | 0    | 0    | 5 | 5.00 | 1/1390    | 5.00   | 4.76 | 4.74 | 4.77  | 5.00 |
| 3. Was lecture material presented and explained clearly   | 0  | 0  | 0 | 0   | 0    | 2    | 3 | 4.60 | 518/1379  | 4.60   | 4.21 | 4.34 | 4.34  | 4.60 |
| 4. Did the lectures contribute to what you learned        | 0  | 0  | 0 | 0   | 0    | 2    | 3 | 4.60 | 579/1379  | 4.60   | 4.33 | 4.36 | 4.35  | 4.60 |
| 5. Did audiovisual techniques enhance your understanding  | 0  | 1  | 0 | 1   | 0    | 0    | 3 | 4.25 | 553/1236  | 4.25   | 3.93 | 4.08 | 3.94  | 4.25 |
| Discussion  |    |    |   |     |      |      |   |      |           |        |      |      |       |      |
| 1. Did class discussions contribute to what you learned   | 2  | 0  | 0 | 0   | 1    | 0    | 2 | 4.33 | 547/1121  | 4.33   | 3.68 | 4.18 | 4.29  | 4.33 |
| 2. Were all students actively encouraged to participate   | 2  | 0  | 0 | 0   | 0    | 0    | 3 | 5.00 | 1/1122    | 5.00   | 3.93 | 4.36 | 4.44  | 5.00 |
| 3. Did the instructor encourage fair and open discussion  | 2  | 0  | 0 | 0   | 0    | 1    | 2 | 4.67 | 473/1121  | 4.67   | 4.14 | 4.40 | 4.52  | 4.67 |
| 4. Were special techniques successful                     | 2  | 1  | 0 | 0   | 0    | 0    | 2 | 5.00 | 1/790     | 5.00   | 4.17 | 4.06 | 4.08  | 5.00 |

Course-Section: STAT 619 01

Title: Biostatistics

Instructor: Huang,Yi

Term - Spring 2011

Enrollment: 6

Questionnaires: 5

|   |    |    |   | 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  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 1. Did the lab increase understanding of the material     | 4  | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/200 | ****   | **** | 4.28 | 3.91  | **** |
| 2. Were you provided with adequate background information | 4  | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/205 | ***    | **** | 4.29 | 3.54  | **** |
| 3. Were necessary materials available for lab activities  | 4  | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/201 | ***    | **** | 4.51 | 4.10  | **** |
| 4. Did the lab instructor provide assistance              | 4  | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/202 | ****   | **** | 4.42 | 4.30  | **** |
| 5. Were requirements for lab reports clearly specified    | 4  | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/196 | ***    | **** | 4.25 | 4.16  | **** |
| Seminar   |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 1. Were assigned topics relevant to the announced theme   | 3  | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | 1/67     | 5.00   | 5.00 | 4.58 | 4.67  | 5.00 |
| 2. Was the instructor available for individual attention  | 3  | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | 1/66     | 5.00   | 5.00 | 4.36 | 4.36  | 5.00 |
| 3. Did research projects contribute to what you learned   | 3  | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | 1/64     | 5.00   | 5.00 | 4.25 | 4.32  | 5.00 |
| 4. Did presentations contribute to what you learned       | 3  | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | 1/75     | 5.00   | 5.00 | 4.32 | 4.37  | 5.00 |
| 5. Were criteria for grading made clear                   | 3  | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | 1/73     | 5.00   | 5.00 | 4.00 | 4.02  | 5.00 |
| Field Work  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 1. Did field experience contribute to what you learned    | 3  | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | 1/34     | 5.00   | 5.00 | 4.33 | 4.35  | 5.00 |
| 2. Did you clearly understand your evaluation criteria    | 3  | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | 1/35     | 5.00   | 5.00 | 4.15 | 3.87  | 5.00 |
| 3. Was the instructor available for consultation          | 3  | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | 1/30     | 5.00   | 5.00 | 4.09 | 3.81  | 5.00 |
| 4. To what degree could you discuss your evaluations      | 3  | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | 1/30     | 5.00   | 5.00 | 4.04 | 3.79  | 5.00 |
| 5. Did conferences help you carry out field activities    | 3  | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | 1/27     | 5.00   | 5.00 | 4.13 | 3.92  | 5.00 |
| Self Paced  |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| Did self-paced system contribute to what you learned      | 3  | 0  | 0 | 0   | 0    | 1    | 1 | 4.50 | 18/31    | 4.50   | 4.50 | 4.34 | 4.38  | 4.50 |
| 2. Did study questions make clear the expected goal       | 3  | 0  | 0 | 0   | 0    | 1    | 1 | 4.50 | 9/18     | 4.50   | 4.50 | 4.13 | 4.22  | 4.50 |
| 3. Were your contacts with the instructor helpful         | 3  | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | 1/24     | 5.00   | 5.00 | 4.34 | 4.63  | 5.00 |

Course-Section: STAT 619 01

Title: Biostatistics

Instructor: Huang,Yi

Term - Spring 2011

Enrollment: 6

Questionnaires: 5

|  |    |    |   | 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 |
| Self Paced   |    |    |   |     |      |      |   |      |          |        |      |      |       |      |
| 4. Was the feedback/tutoring by proctors helpful   | 3  | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | 1/15     | 5.00   | 5.00 | 4.18 | 4.75  | 5.00 |
| 5. Were there enough proctors for all the students | 3  | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | 1/13     | 5.00   | 5.00 | 4.07 | 5.00  | 5.00 |

### Frequency Distribution

|            |       |           |   |          |        | . 3                 |   |                   |             |                  |   |
|------------|-------|-----------|---|----------|--------|---------------------|---|-------------------|-------------|------------------|---|
| Credits Ea | arned | Cum. GPA  | 4 | Expected | Grades | Reasons             |   | Type              |             | Majors           |   |
| 00-27      | 0     | 0.00-0.99 | 0 | Α        | 2      | Required for Majors | 1 | Graduate          | 2           | Major            | 4 |
| 28-55      | 1     | 1.00-1.99 | 0 | В        | 0      |                     |   |                   |             |                  |   |
| 56-83      | 0     | 2.00-2.99 | 0 | С        | 0      | General             | 1 | Under-grad        | 3           | Non-major        | 1 |
| 84-150     | 0     | 3.00-3.49 | 0 | D        | 0      |                     |   |                   |             |                  |   |
| Grad.      | 2     | 3.50-4.00 | 2 | F        | 0      | Electives           | 1 | **** - Means the  | ere are not | enough responses |   |
|            |       |           |   | Р        | 0      |                     |   | to be significant |             |                  |   |
|            |       |           |   | I        | 0      | Other               | 0 |                   |             |                  |   |
|            |       |           |   | ?        | 3      |                     |   |                   |             |                  |   |

Course-Section: STAT 622 01

Title: Prob Thry/Stoch Proc II

Instructor: Kang, Weining

Term - Spring 2011

Enrollment: 5

Questionnaires: 4

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|   |    |    |   | 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 |
| General   |    |    |   |     |      |      |   |      |           |        |      |      |       |      |
| 1. Did you gain new insights, skills from this course     | 0  | 0  | 0 | 0   | 0    | 1    | 3 | 4.75 | 269/1449  | 4.75   | 4.29 | 4.33 | 4.41  | 4.75 |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 0 | 0   | 0    | 2    | 2 | 4.50 | 571/1446  | 4.50   | 4.25 | 4.29 | 4.30  | 4.50 |
| 3. Did the exam questions reflect the expected goals      | 0  | 0  | 0 | 1   | 0    | 1    | 2 | 4.00 | 936/1256  | 4.00   | 4.33 | 4.34 | 4.30  | 4.00 |
| 4. Did other evaluations reflect the expected goals       | 0  | 2  | 0 | 0   | 1    | 0    | 1 | 4.00 | 1022/1402 | 4.00   | 4.11 | 4.27 | 4.26  | 4.00 |
| 5. Did assigned readings contribute to what you learned   | 0  | 1  | 0 | 1   | 0    | 0    | 2 | 4.00 | 827/1358  | 4.00   | 3.96 | 4.13 | 4.18  | 4.00 |
| 6. Did written assignments contribute to what you learned | 0  | 1  | 0 | 0   | 0    | 1    | 2 | 4.67 | 253/1327  | 4.67   | 4.28 | 4.16 | 4.29  | 4.67 |
| 7. Was the grading system clearly explained               | 0  | 1  | 0 | 1   | 0    | 1    | 1 | 3.67 | 1209/1435 | 3.67   | 4.19 | 4.20 | 4.23  | 3.67 |
| 8. How many times was class cancelled                     | 0  | 0  | 0 | 0   | 0    | 0    | 4 | 5.00 | 1/1446    | 5.00   | 4.74 | 4.67 | 4.81  | 5.00 |
| 9. How would you grade the overall teaching effectiveness | 0  | 0  | 0 | 0   | 0    | 2    | 2 | 4.50 | 364/1437  | 4.50   | 4.02 | 4.12 | 4.17  | 4.50 |
| Lecture   |    |    |   |     |      |      |   |      |           |        |      |      |       |      |
| 1. Were the instructor's lectures well prepared           | 0  | 0  | 0 | 0   | 0    | 1    | 3 | 4.75 | 462/1386  | 4.75   | 4.48 | 4.48 | 4.47  | 4.75 |
| 2. Did the instructor seem interested in the subject      | 0  | 0  | 0 | 0   | 0    | 1    | 3 | 4.75 | 872/1390  | 4.75   | 4.76 | 4.74 | 4.77  | 4.75 |
| 3. Was lecture material presented and explained clearly   | 0  | 0  | 0 | 0   | 0    | 1    | 3 | 4.75 | 316/1379  | 4.75   | 4.21 | 4.34 | 4.34  | 4.75 |
| 4. Did the lectures contribute to what you learned        | 0  | 0  | 0 | 0   | 0    | 0    | 4 | 5.00 | 1/1379    | 5.00   | 4.33 | 4.36 | 4.35  | 5.00 |
| 5. Did audiovisual techniques enhance your understanding  | 0  | 3  | 0 | 0   | 0    | 0    | 1 | 5.00 | 1/1236    | 5.00   | 3.93 | 4.08 | 3.94  | 5.00 |
| Discussion  |    |    |   |     |      |      |   |      |           |        |      |      |       |      |
| 1. Did class discussions contribute to what you learned   | 3  | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | 1/1121    | 5.00   | 3.68 | 4.18 | 4.29  | 5.00 |
| 2. Were all students actively encouraged to participate   | 3  | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | 1/1122    | 5.00   | 3.93 | 4.36 | 4.44  | 5.00 |
| 3. Did the instructor encourage fair and open discussion  | 3  | 0  | 0 | 0   | 0    | 0    | 1 | 5.00 | 1/1121    | 5.00   | 4.14 | 4.40 | 4.52  | 5.00 |

Frequency Distribution

Run Date: 7/14/2011 12:15:03 PM

| Course-S  | Section | STAT 622 01   | 1      |          |       |    | Term   | n - Spring  | 2011  |   |    |       |              |           |         | Enro     | Ilment: | 5    |
|-----------|---------|---------------|--------|----------|-------|----|--------|-------------|-------|---|----|-------|--------------|-----------|---------|----------|---------|------|
|           | Title   | : Prob Thry/S | toch I | Proc II  |       |    |        |             |       | _ |    |       |              |           | Q       | uestion  | naires: | 4    |
| Ins       | tructor | : Kang,Weinir | ng     |          |       |    |        |             |       |   |    |       |              |           |         |          |         |      |
|           |         |               |        |          |       |    |        | Freque      | ncies |   |    | Insti | ructor       | Course    | Org     | UMBC     | Level   | Sect |
|           |         | Questions     |        |          | NR    | NA | 1      | 2 3         | 4     | 5 | Me | ean   | Rank         | Mean      | Mean    | Mean     | Mean    | Mean |
|           |         | Discussion    |        |          |       |    |        |             |       |   |    |       |              |           |         |          |         |      |
| Credits E | arned   | Cum. GPA      | ٦      | Expected | Grade | es |        | Reas        | ons   |   |    |       | Туре         | 1         |         | Maj      | jors    |      |
| 00-27     | 0       | 0.00-0.99     | 0      | Α        | 4     |    | Requ   | ired for Ma | ajors |   | 2  | G     | raduate      | 2         |         | Major    |         | 1    |
| 28-55     | 0       | 1.00-1.99     | 0      | В        | 0     |    |        |             |       |   |    |       |              |           |         |          |         |      |
| 56-83     | 0       | 2.00-2.99     | 0      | С        | 0     |    | Gene   | ral         |       |   | 0  | U     | nder-grad    | 2         |         | Non-ma   | ajor    | 3    |
| 84-150    | 0       | 3.00-3.49     | 1      | D        | 0     |    |        |             |       |   |    |       |              |           |         |          |         |      |
| Grad.     | 2       | 3.50-4.00     | 1      | F        | 0     |    | Electi | ves         |       |   | 1  | **    | ** - Means   | there are | not end | ough res | ponses  |      |
|           |         |               |        | Р        | 0     |    |        |             |       |   |    | to    | be significa | ant       |         |          |         |      |
|           |         |               |        | 1        | 0     |    | Other  |             |       |   | 1  |       |              |           |         |          |         |      |
|           |         |               |        | ?        | 0     |    |        |             |       |   |    |       |              |           |         |          |         |      |

Course-Section: STAT 653 01

Title: Basic Math Stat

Instructor: Park, Junyong

Term - Spring 2011

Enrollment: 7

Questionnaires: 6

Frequencies Instructor Course Ora UMBC Level Sect Questions 5 Mean Mean Mean Mean NR NA 3 Mean Rank Mean General 1. Did you gain new insights, skills from this course 1 0 0 0 1 1 3 733/1449 4.40 4.29 4.33 4.41 4.40 4.40 0 0 1 1 4.25 2. Did the instructor make clear the expected goals 0 0 4 3.50 1327/1446 3.50 4.29 4.30 3.50 3. Did the exam guestions reflect the expected goals 0 0 1 2 3 0 1199/1256 3.33 4.33 4.34 4.30 3.33 0 3.33 4. Did other evaluations reflect the expected goals 0 2 0 1 2 1 0 3.00 1363/1402 3.00 4.11 4.27 4.26 3.00 5. Did assigned readings contribute to what you learned 1 3 0 0 1 0 1 4.00 827/1358 4.00 3.96 4.13 4.18 4.00 6. Did written assignments contribute to what you learned 0 1 0 0 2 2 992/1327 3.80 4.28 4.29 3.80 1 3.80 4.16 4.20 7. Was the grading system clearly explained 1 0 0 0 2 0 3 4.20 818/1435 4.20 4.19 4.23 4.20 8. How many times was class cancelled 0 0 0 0 0 0 6 5.00 1/1446 5.00 4.74 4.67 4.81 5.00 9. How would you grade the overall teaching effectiveness 0 2 2 0 0 1 1 4.00 868/1437 4.00 4.02 4.12 4.17 4.00 Lecture 1. Were the instructor's lectures well prepared 1 0 0 0 1 1 3 4.40 929/1386 4.40 4.48 4.48 4.47 4.40 2. Did the instructor seem interested in the subject 1 0 0 0 1 0 4 4.60 1070/1390 4.60 4.76 4.74 4.77 4.60 3. Was lecture material presented and explained clearly 0 0 0 3 1 1238/1379 4.21 4.34 3.60 1 1 3.60 3.60 4.34 4. Did the lectures contribute to what you learned 1 0 0 0 1 2 2 4.20 943/1379 4.20 4.33 4.36 4.35 4.20 Discussion 1. Did class discussions contribute to what you learned 4 0 0 0 1 1 0 3.50 931/1121 3.50 3.68 4.18 4.29 3.50 2. Were all students actively encouraged to participate 4 0 0 0 0 0 2 5.00 1/1122 5.00 3.93 4.36 4.44 5.00 3. Did the instructor encourage fair and open discussion 4 0 0 0 0 1 1 4.50 591/1121 4.50 4.14 4.40 4.52 4.50

Frequency Distribution

Credits Earned Cum. GPA Expected Grades Reasons Type Majors

00-27 2 0.00-0.99 0 A 3 Required for Majors 4 Graduate 3 Major 5

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| Course-S | Section: | STAT 653 01  | l    |   |    |    | Term   | ı - Spi | ring 2 | 011  |   |      |                 |           |         | Enro     | Ilment: | 7    |
|----------|----------|--------------|------|---|----|----|--------|---------|--------|------|---|------|-----------------|-----------|---------|----------|---------|------|
|          | Title:   | Basic Math S | Stat |   |    |    |        |         |        |      |   |      |                 |           | Q       | uestion  | naires: | 6    |
| Ins      | tructor: | Park, Junyor | ng   |   |    |    |        |         |        |      |   |      |                 |           |         |          |         |      |
|          |          |              |      |   |    |    |        | 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 |
|          |          | Discussion   |      |   |    |    |        |         |        |      |   |      |                 |           |         |          |         |      |
| 28-55    | 0        | 1.00-1.99    | 0    | В | 2  |    |        |         |        |      |   |      |                 |           |         |          |         |      |
| 56-83    | 0        | 2.00-2.99    | 0    | С | 0  |    | Gene   | ral     |        |      | 0 |      | Under-grad      | 3         |         | Non-ma   | ijor    | 1    |
| 84-150   | 0        | 3.00-3.49    | 1    | D | 0  |    |        |         |        |      |   |      |                 |           |         |          |         |      |
| Grad.    | 3        | 3.50-4.00    | 2    | F | 0  |    | Electi | ves     |        |      | 0 |      | **** - Means    | there are | not end | ugh resp | oonses  |      |
|          |          |              |      | Р | 0  |    |        |         |        |      |   |      | to be significa | ant       |         |          |         |      |
|          |          |              |      | I | 0  |    | Other  | -       |        |      | 1 |      |                 |           |         |          |         |      |
|          |          |              |      | ? | 1  |    |        |         |        |      |   |      |                 |           |         |          |         |      |

Course-Section: STAT 700 01

Title: Top:Stat Mthd/Data Analy

Instructor: Park,Junyong

Term - Spring 2011

Enrollment: 7

Questionnaires: 3

|   | _  |    |   | 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  | 0 | 1   | 0    | 2    | 0 | 3.33 | 1389/1449 | 4.00   | 4.29 | 4.33 | 4.41  | 3.33 |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 0 | 1   | 0    | 2    | 0 | 3.33 | 1373/1446 | 3.96   | 4.25 | 4.29 | 4.30  | 3.33 |
| 4. Did other evaluations reflect the expected goals       | 0  | 1  | 0 | 0   | 0    | 2    | 0 | 4.00 | 1022/1402 | 4.17   | 4.11 | 4.27 | 4.26  | 4.00 |
| 5. Did assigned readings contribute to what you learned   | 0  | 1  | 0 | 0   | 0    | 2    | 0 | 4.00 | 827/1358  | 4.45   | 3.96 | 4.13 | 4.18  | 4.00 |
| 6. Did written assignments contribute to what you learned | 0  | 1  | 0 | 0   | 1    | 1    | 0 | 3.50 | 1127/1327 | 4.17   | 4.28 | 4.16 | 4.29  | 3.50 |
| 7. Was the grading system clearly explained               | 0  | 0  | 0 | 1   | 0    | 1    | 1 | 3.67 | 1209/1435 | 4.06   | 4.19 | 4.20 | 4.23  | 3.67 |
| 8. How many times was class cancelled                     | 0  | 0  | 0 | 0   | 0    | 1    | 2 | 4.67 | 888/1446  | 4.53   | 4.74 | 4.67 | 4.81  | 4.67 |
| 9. How would you grade the overall teaching effectiveness | 1  | 0  | 0 | 0   | 1    | 1    | 0 | 3.50 | 1245/1437 | 3.90   | 4.02 | 4.12 | 4.17  | 3.50 |
| Lecture   |    |    |   |     |      |      |   |      |           |        |      |      |       |      |
| 1. Were the instructor's lectures well prepared           | 0  | 0  | 0 | 0   | 1    | 0    | 2 | 4.33 | 989/1386  | 4.37   | 4.48 | 4.48 | 4.47  | 4.33 |
| 2. Did the instructor seem interested in the subject      | 0  | 0  | 0 | 0   | 0    | 1    | 2 | 4.67 | 1002/1390 | 4.83   | 4.76 | 4.74 | 4.77  | 4.67 |
| 3. Was lecture material presented and explained clearly   | 0  | 0  | 1 | 0   | 0    | 1    | 1 | 3.33 | 1304/1379 | 4.00   | 4.21 | 4.34 | 4.34  | 3.33 |
| 4. Did the lectures contribute to what you learned        | 0  | 0  | 0 | 1   | 0    | 1    | 1 | 3.67 | 1213/1379 | 4.13   | 4.33 | 4.36 | 4.35  | 3.67 |
| 5. Did audiovisual techniques enhance your understanding  | 0  | 2  | 0 | 0   | 0    | 1    | 0 | 4.00 | 709/1236  | 4.50   | 3.93 | 4.08 | 3.94  | 4.00 |
| Discussion  |    |    |   |     |      |      |   |      |           |        |      |      |       |      |
| 1. Did class discussions contribute to what you learned   | 1  | 0  | 0 | 0   | 0    | 2    | 0 | 4.00 | 727/1121  | 3.86   | 3.68 | 4.18 | 4.29  | 4.00 |
| 2. Were all students actively encouraged to participate   | 1  | 0  | 0 | 0   | 0    | 2    | 0 | 4.00 | 857/1122  | 4.07   | 3.93 | 4.36 | 4.44  | 4.00 |
| 3. Did the instructor encourage fair and open discussion  | 1  | 0  | 0 | 0   | 0    | 0    | 2 | 5.00 | 1/1121    | 4.58   | 4.14 | 4.40 | 4.52  | 5.00 |
| 4. Were special techniques successful                     | 1  | 1  | 0 | 0   | 0    | 1    | 0 | 4.00 | 425/790   | 4.00   | 4.17 | 4.06 | 4.08  | 4.00 |

Frequency Distribution

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| Course-S  | Section: | STAT 700 01 | 1     |           |       |    | Term   | ı - Sprin  | g 20  | 011  |   |      |                 |           |         | Enro     | <mark>Ilment:</mark> | 7    |
|-----------|----------|-------------|-------|-----------|-------|----|--------|------------|-------|------|---|------|-----------------|-----------|---------|----------|----------------------|------|
|           | Title:   | Top:Stat Mt | hd/Da | ata Analy |       |    |        |            |       |      | , |      |                 |           | Q       | uestion  | naires:              | 3    |
| Ins       | tructor: | Park,Junyor | ng    |           |       |    |        |            |       |      |   |      |                 |           |         |          |                      |      |
|           |          |             |       |           |       |    |        | Frequ      | iend  | cies |   | In   | structor        | Course    | Org     | UMBC     | Level                | Sect |
|           |          | Questions   |       |           | NR    | NA | 1      | 2          | 3     | 4    | 5 | Mean | Rank            | Mean      | Mean    | Mean     | Mean                 | Mean |
|           |          | Discussion  |       |           |       |    |        |            |       |      |   |      |                 |           |         |          |                      |      |
| Credits E | arned    | Cum. GPA    | 4     | Expected  | Grade | es |        | Rea        | ison  | ıs   |   |      | Туре            | 1         |         | Maj      | jors                 |      |
| 00-27     | 0        | 0.00-0.99   | 0     | Α         | 3     |    | Requ   | ired for N | /lajo | rs   | 0 |      | Graduate        | 1         |         | Major    |                      | 3    |
| 28-55     | 0        | 1.00-1.99   | 0     | В         | 0     |    |        |            |       |      |   |      |                 |           |         |          |                      |      |
| 56-83     | 0        | 2.00-2.99   | 0     | С         | 0     |    | Gene   | ral        |       |      | 0 |      | Under-grad      | 2         |         | Non-ma   | ajor                 | 0    |
| 84-150    | 0        | 3.00-3.49   | 0     | D         | 0     |    |        |            |       |      |   |      |                 |           |         |          |                      |      |
| Grad.     | 1        | 3.50-4.00   | 1     | F         | 0     |    | Electi | ves        |       |      | 2 |      | **** - Means    | there are | not end | ough res | ponses               |      |
|           |          |             |       | Р         | 0     |    |        |            |       |      |   |      | to be significa | ant       |         |          |                      |      |
|           |          |             |       | 1         | 0     |    | Other  | -          |       |      | 1 |      |                 |           |         |          |                      |      |
|           |          |             |       | ?         | 0     |    |        |            |       |      |   |      |                 |           |         |          |                      |      |

Course-Section: STAT 700 02

Title: Top:Stat Mthd/Data Analy

Instructor: Park,DoHwan

Term - Spring 2011

Enrollment: 14

Questionnaires: 13

|   | _  |    |   | 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     | 1  | 0  | 0 | 0   | 1    | 2    | 9  | 4.67 | 376/1449  | 4.00   | 4.29 | 4.33 | 4.41  | 4.67 |
| 2. Did the instructor make clear the expected goals       | 1  | 0  | 0 | 0   | 1    | 3    | 8  | 4.58 | 466/1446  | 3.96   | 4.25 | 4.29 | 4.30  | 4.58 |
| 3. Did the exam questions reflect the expected goals      | 0  | 6  | 0 | 0   | 2    | 0    | 5  | 4.43 | 619/1256  | 4.43   | 4.33 | 4.34 | 4.30  | 4.43 |
| 4. Did other evaluations reflect the expected goals       | 0  | 1  | 0 | 1   | 1    | 3    | 7  | 4.33 | 734/1402  | 4.17   | 4.11 | 4.27 | 4.26  | 4.33 |
| 5. Did assigned readings contribute to what you learned   | 0  | 3  | 0 | 0   | 0    | 1    | 9  | 4.90 | 78/1358   | 4.45   | 3.96 | 4.13 | 4.18  | 4.90 |
| 6. Did written assignments contribute to what you learned | 1  | 0  | 0 | 0   | 0    | 2    | 10 | 4.83 | 128/1327  | 4.17   | 4.28 | 4.16 | 4.29  | 4.83 |
| 7. Was the grading system clearly explained               | 0  | 0  | 0 | 1   | 1    | 2    | 9  | 4.46 | 532/1435  | 4.06   | 4.19 | 4.20 | 4.23  | 4.46 |
| 8. How many times was class cancelled                     | 0  | 0  | 0 | 0   | 0    | 8    | 5  | 4.38 | 1111/1446 | 4.53   | 4.74 | 4.67 | 4.81  | 4.38 |
| 9. How would you grade the overall teaching effectiveness | 3  | 0  | 0 | 0   | 1    | 5    | 4  | 4.30 | 585/1437  | 3.90   | 4.02 | 4.12 | 4.17  | 4.30 |
| Lecture   |    |    |   |     |      |      |    |      |           |        |      |      |       |      |
| 1. Were the instructor's lectures well prepared           | 3  | 0  | 1 | 0   | 0    | 2    | 7  | 4.40 | 929/1386  | 4.37   | 4.48 | 4.48 | 4.47  | 4.40 |
| 2. Did the instructor seem interested in the subject      | 3  | 0  | 0 | 0   | 0    | 0    | 10 | 5.00 | 1/1390    | 4.83   | 4.76 | 4.74 | 4.77  | 5.00 |
| 3. Was lecture material presented and explained clearly   | 4  | 0  | 0 | 0   | 1    | 1    | 7  | 4.67 | 437/1379  | 4.00   | 4.21 | 4.34 | 4.34  | 4.67 |
| 4. Did the lectures contribute to what you learned        | 3  | 0  | 0 | 0   | 1    | 2    | 7  | 4.60 | 579/1379  | 4.13   | 4.33 | 4.36 | 4.35  | 4.60 |
| 5. Did audiovisual techniques enhance your understanding  | 6  | 0  | 0 | 0   | 0    | 0    | 7  | 5.00 | 1/1236    | 4.50   | 3.93 | 4.08 | 3.94  | 5.00 |
| Discussion  |    |    |   |     |      |      |    |      |           |        |      |      |       |      |
| 1. Did class discussions contribute to what you learned   | 6  | 0  | 1 | 0   | 2    | 1    | 3  | 3.71 | 868/1121  | 3.86   | 3.68 | 4.18 | 4.29  | 3.71 |
| 2. Were all students actively encouraged to participate   | 6  | 0  | 1 | 0   | 0    | 2    | 4  | 4.14 | 810/1122  | 4.07   | 3.93 | 4.36 | 4.44  | 4.14 |
| 3. Did the instructor encourage fair and open discussion  | 7  | 0  | 1 | 0   | 0    | 1    | 4  | 4.17 | 809/1121  | 4.58   | 4.14 | 4.40 | 4.52  | 4.17 |
| 4. Were special techniques successful                     | 7  | 3  | 0 | 0   | 0    | 1    | 2  | 4.67 | ****/790  | 4.00   | 4.17 | 4.06 | 4.08  | **** |

Course-Section: STAT 700 02

Title: Top:Stat Mthd/Data Analy

Instructor: Park,DoHwan

Term - Spring 2011

Enrollment: 14

Questionnaires: 13

|   | -  |   |   | Fre | quen | cies |   | In   | structor | Course | Org  | UMBC | Level | Sect |
|---|----|---|---|-----|------|------|---|------|----------|--------|------|------|-------|------|
| Questions   |    |   | 1 | 2   | 3    | 4    | 5 | Mean | Rank     | Mean   | Mean | Mean | Mean  | Mean |
| Laboratory  |    |   |   |     |      |      |   |      |          |        |      |      |       |      |
| 1. Did the lab increase understanding of the material     | 12 | 0 | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/200 | ****   | **** | 4.28 | 3.91  | **** |
| 2. Were you provided with adequate background information | 12 | 0 | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/205 | ****   | **** | 4.29 | 3.54  | **** |
| 3. Were necessary materials available for lab activities  | 12 | 0 | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/201 | ****   | **** | 4.51 | 4.10  | **** |
| 4. Did the lab instructor provide assistance              | 12 | 0 | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/202 | ****   | **** | 4.42 | 4.30  | **** |
| 5. Were requirements for lab reports clearly specified    | 12 | 0 | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/196 | ****   | **** | 4.25 | 4.16  | **** |
| Seminar   |    |   |   |     |      |      |   |      |          |        |      |      |       |      |
| Were assigned topics relevant to the announced theme      | 12 | 0 | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/67  | ****   | 5.00 | 4.58 | 4.67  | **** |
| 2. Was the instructor available for individual attention  | 12 | 0 | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/66  | ****   | 5.00 | 4.36 | 4.36  | **** |
| 3. Did research projects contribute to what you learned   | 12 | 0 | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/64  | ****   | 5.00 | 4.25 | 4.32  | **** |
| 4. Did presentations contribute to what you learned       | 12 | 0 | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/75  | ****   | 5.00 | 4.32 | 4.37  | **** |
| 5. Were criteria for grading made clear                   | 12 | 0 | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/73  | ****   | 5.00 | 4.00 | 4.02  | **** |
| Field Work  |    |   |   |     |      |      |   |      |          |        |      |      |       |      |
| Did field experience contribute to what you learned       | 12 | 0 | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/34  | ***    | 5.00 | 4.33 | 4.35  | **** |
| 2. Did you clearly understand your evaluation criteria    | 12 | 0 | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/35  | ***    | 5.00 | 4.15 | 3.87  | **** |
| 3. Was the instructor available for consultation          | 12 | 0 | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/30  | ***    | 5.00 | 4.09 | 3.81  | **** |
| 4. To what degree could you discuss your evaluations      | 12 | 0 | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/30  | ***    | 5.00 | 4.04 | 3.79  | **** |
| 5. Did conferences help you carry out field activities    | 12 | 0 | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/27  | ***    | 5.00 | 4.13 | 3.92  | ***  |
| Self Paced  |    |   |   |     |      |      |   |      |          |        |      |      |       |      |
| Did self-paced system contribute to what you learned      | 12 | 0 | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/31  | ***    | 4.50 | 4.34 | 4.38  | ***  |
| 2. Did study questions make clear the expected goal       | 12 | 0 | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/18  | ***    | 4.50 | 4.13 | 4.22  | ***  |
| 3. Were your contacts with the instructor helpful         | 12 | 0 | 0 | 0   | 0    | 0    | 1 | 5.00 | ****/24  | ****   | 5.00 | 4.34 | 4.63  | **** |

Course-Section: STAT 700 02

Title: Top:Stat Mthd/Data Analy

Instructor: Park,DoHwan

Term - Spring 2011

Enrollment: 14

Questionnaires: 13

|  |    |    |   | Frequencies |   |   |   |      | Instructor |      | Org  | UMBC | Level | Sect |
|--|----|----|---|-------------|---|---|---|------|------------|------|------|------|-------|------|
| Questions  |    | NA | 1 | 2           | 3 | 4 | 5 | Mean | Rank       | Mean | Mean | Mean | Mean  | Mean |
| Self Paced   |    |    |   |             |   |   |   |      |            |      |      |      |       |      |
| 4. Was the feedback/tutoring by proctors helpful   | 12 | 0  | 0 | 0           | 0 | 0 | 1 | 5.00 | ****/15    | **** | 5.00 | 4.18 | 4.75  | **** |
| 5. Were there enough proctors for all the students | 12 | 0  | 0 | 0           | 0 | 0 | 1 | 5.00 | ****/13    | **** | 5.00 | 4.07 | 5.00  | **** |

### Frequency Distribution

|                |   |           |   |                        |   | 1 3                 |   |                  |                  |           |   |  |
|----------------|---|-----------|---|------------------------|---|---------------------|---|------------------|------------------|-----------|---|--|
| Credits Earned |   | Cum. GPA  |   | <b>Expected Grades</b> |   | Reasons             |   | Type             |                  | Majors    |   |  |
| 00-27          | 2 | 0.00-0.99 | 0 | Α                      | 7 | Required for Majors |   | Graduate         | 2                | Major     | 8 |  |
| 28-55          | 1 | 1.00-1.99 | 0 | В                      | 0 |                     |   |                  |                  |           |   |  |
| 56-83          | 0 | 2.00-2.99 | 0 | С                      | 0 | General             | 3 | Under-grad       | 11               | Non-major | 5 |  |
| 84-150         | 0 | 3.00-3.49 | 2 | D                      | 0 |                     |   |                  |                  |           |   |  |
| Grad.          | 2 | 3.50-4.00 | 1 | F                      | 0 | Electives           | 3 | **** - Means the | enough responses |           |   |  |
|                |   |           |   | Р                      | 0 |                     |   | to be significan | t                |           |   |  |
|                |   |           |   | I                      | 0 | Other               | 0 |                  |                  |           |   |  |
|                |   |           |   | ?                      | 6 |                     |   |                  |                  |           |   |  |
|                |   |           |   |                        |   |                     |   |                  |                  |           |   |  |

Course-Section: STAT 710 01

Title: Top:Math Stat/Stat Infer

Instructor: Sinha,Bimal K

Term - Spring 2011

Enrollment: 4

Questionnaires: 3

|   |   |    | Frequencies |   |   | Instructor |   | Course | Org       | UMBC | Level | Sect |      |      |
|---|---|----|-------------|---|---|------------|---|--------|-----------|------|-------|------|------|------|
| Questions   |   | 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           | 0 | 0 | 0          | 3 | 5.00   | 1/1449    | 5.00 | 4.29  | 4.33 | 4.41 | 5.00 |
| 2. Did the instructor make clear the expected goals       | 0 | 0  | 0           | 0 | 0 | 2          | 1 | 4.33   | 776/1446  | 4.33 | 4.25  | 4.29 | 4.30 | 4.33 |
| 4. Did other evaluations reflect the expected goals       | 0 | 1  | 0           | 0 | 1 | 1          | 0 | 3.50   | 1274/1402 | 3.50 | 4.11  | 4.27 | 4.26 | 3.50 |
| 5. Did assigned readings contribute to what you learned   | 0 | 0  | 0           | 0 | 1 | 1          | 1 | 4.00   | 827/1358  | 4.00 | 3.96  | 4.13 | 4.18 | 4.00 |
| 6. Did written assignments contribute to what you learned | 0 | 0  | 0           | 0 | 1 | 0          | 2 | 4.33   | 591/1327  | 4.33 | 4.28  | 4.16 | 4.29 | 4.33 |
| 7. Was the grading system clearly explained               | 0 | 1  | 0           | 0 | 1 | 1          | 0 | 3.50   | 1262/1435 | 3.50 | 4.19  | 4.20 | 4.23 | 3.50 |
| 8. How many times was class cancelled                     | 0 | 0  | 0           | 0 | 0 | 3          | 0 | 4.00   | 1354/1446 | 4.00 | 4.74  | 4.67 | 4.81 | 4.00 |
| 9. How would you grade the overall teaching effectiveness | 0 | 0  | 0           | 0 | 0 | 1          | 2 | 4.67   | 226/1437  | 4.67 | 4.02  | 4.12 | 4.17 | 4.67 |
| Lecture   |   |    |             |   |   |            |   |        |           |      |       |      |      |      |
| 1. Were the instructor's lectures well prepared           | 0 | 0  | 0           | 0 | 1 | 0          | 2 | 4.33   | 989/1386  | 4.33 | 4.48  | 4.48 | 4.47 | 4.33 |
| 2. Did the instructor seem interested in the subject      | 0 | 0  | 0           | 0 | 0 | 1          | 2 | 4.67   | 1002/1390 | 4.67 | 4.76  | 4.74 | 4.77 | 4.67 |
| 3. Was lecture material presented and explained clearly   | 0 | 0  | 0           | 0 | 0 | 1          | 2 | 4.67   | 437/1379  | 4.67 | 4.21  | 4.34 | 4.34 | 4.67 |
| 4. Did the lectures contribute to what you learned        | 0 | 0  | 0           | 0 | 0 | 0          | 3 | 5.00   | 1/1379    | 5.00 | 4.33  | 4.36 | 4.35 | 5.00 |

## Frequency Distribution

| Credits Earned |   | Cum. GPA  |   | Expected | Grades | Reasons             |   | Type              |             | Majors           |   |  |
|----------------|---|-----------|---|----------|--------|---------------------|---|-------------------|-------------|------------------|---|--|
| 00-27          | 0 | 0.00-0.99 | 0 | Α        | 2      | Required for Majors | 0 | Graduate          | 0           | Major            | 3 |  |
| 28-55          | 0 | 1.00-1.99 | 0 | В        | 0      |                     |   |                   |             |                  |   |  |
| 56-83          | 0 | 2.00-2.99 | 0 | С        | 0      | General             | 0 | Under-grad        | 3           | Non-major        | 0 |  |
| 84-150         | 0 | 3.00-3.49 | 0 | D        | 0      |                     |   |                   |             |                  |   |  |
| Grad.          | 0 | 3.50-4.00 | 1 | F        | 0      | Electives           | 2 | **** - Means the  | ere are not | enough responses |   |  |
|                |   |           |   | Р        | 0      |                     |   | to be significant |             |                  |   |  |

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| Course-Section: | STAT 710 01              |                               | Term - Spring 2011 |       |   |   |   |   |        |      |      | 4     |         |         |      |
|-----------------|--------------------------|-------------------------------|--------------------|-------|---|---|---|---|--------|------|------|-------|---------|---------|------|
| Title:          | Top:Math Stat/Stat Infer |                               |                    |       |   |   |   |   |        |      |      | Q     | uestion | naires: | 3    |
| Instructor:     | Sinha,Bimal K            |                               |                    |       |   |   |   |   |        |      |      |       |         |         |      |
|                 |                          | Frequencies Instructor Course |                    |       |   |   |   |   | Course | Org  | UMBC | Level | Sect    |         |      |
|                 | Questions                | NR                            | NA                 | 1     | 2 | 3 | 4 | 5 | Mean   | Rank | Mean | Mean  | Mean    | Mean    | Mean |
|                 | Lecture                  |                               |                    |       |   |   |   |   |        |      |      |       |         |         |      |
|                 | I                        | 0                             |                    | Other |   |   |   | 1 |        |      |      |       |         |         |      |
|                 | ?                        | 1                             |                    |       |   |   |   |   |        |      |      |       |         |         |      |